



RUSH

*Eric W. Stamber*  
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SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 3600

**STIC EIC 3600**  
**Search Request Form**

Today's Date:

8/25/04

Priority Date:

7/25/00

For 705 Searches list subclass:

4/2

Your Name IGOR BORISSOVAU 3629 Examiner # 79247Room # CPK5-7c22 Phone 305-4649Serial # 09/912,854Is this a Rush? YES NO

SPE's Signature \_\_\_\_\_

Is this a first action amendment? YES NO

Is this a refocus? YES NO

Access # 130 706

What is the focus of this search? Please include concepts, synonyms etc.

Attach a copy of the abstract, pertinent claims and your East search strategy. Thanks.

See attached. Claims 27, 33, 37

Known patents: 6,169,979 - rebates, efficient equipment  
6,535,859 - charging, variable rate as a function  
4,858,141 - monitor power consump. of separate applications  
5,699,276 - meter, variable rates, network

Please return attached documents with search results.

Thank you ER

STIC Searcher \_\_\_\_\_

Phone \_\_\_\_\_

Date picked up \_\_\_\_\_

Date completed \_\_\_\_\_

08-25-04 A08:55 RCVD

Set	Items	Description
S1	14	AU=(NAGAMITSU S? OR NAGAMITSU, S?)
S2	1296555	EQUIPMENT OR MERCHANDI? OR DEVICE? ? OR ELECTRONIC? ? OR G-ADGET? ? OR MACHINE? OR APPLIANCE?
S3	13509	DISCOUNT? OR REBATE OR INCENTIVE?
S4	980959	(MORE OR HIGHER OR LESS? OR LOWER OR GREATER OR INCREASE? - OR DECREAS?) (2N) (THAN OR RATE? ?)
S5	18565	(REDUC??? OR LOWER OR SPECIAL OR INTRODUCTORY) (4N) (PRICE OR CHARG???)
S6	893403	ENERGY OR POWER OR ELECTRIC? OR UTILIT???
S7	560484	SELLER? OR DEALER? OR AGENT? ? OR SUPPLIER? OR PRODUCER? OR MANUFACTURER? OR MERCHANT? OR VENDOR? OR TRADER? OR PROVIDER? ?
S8	275077	OFFSET? OR OFF()SET OR COMPENSAT?
S9	172005	S6(10N) (BUY??? OR SELL? OR SUPPLY? OR SUPPLI??)
S10	74628	S9(S)S2
S11	4860	S10(20N) (S4 OR S5)
S12	66	S11(20N) (S3 OR S8)
S13	1	S12 AND IC=G06F?
S14	382490	S2(S)S6
S15	56559	S14(S) (S4 OR S5)
S16	2584	S15(S) (S3 OR S8)
S17	208	S16(S)S7
S18	47	S17 AND IC=G06F?
S19	39	S16 AND IC=G06F-017/60
S20	61	S18 OR S19

? show file

File 348:EUROPEAN PATENTS 1978-2004/Aug W03

(c) 2004 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20040819,UT=20040812

(c) 2004 WIPO/Univentio

20/3,K/1 (Item 1 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2004 European Patent Office. All rts. reserv.

00822973

Apparatus for wireless transmission of information in electronic display systems

Vorrichtung zur drahtlosen Informationsübertragung in elektronischen Anzeigesystemen

Dispositif de transmission sans fil d'informations pour systemes electroniques d'affichage

PATENT ASSIGNEE:

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INVENTOR:

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Kanagawa, 256, (JP)

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LEGAL REPRESENTATIVE:

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PATENT (CC, No, Kind, Date): EP 765054 A2 970326 (Basic)

EP 765054 A3 001122

APPLICATION (CC, No, Date): EP 96306911 960923;

PRIORITY (CC, No, Date): US 534808 950925

DESIGNATED STATES: BE; DE; FR; GB; NL

INTERNATIONAL PATENT CLASS: H04J-003/06; G06F-017/60

ABSTRACT WORD COUNT: 89

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB97	388
SPEC A	(English)	EPAB97	5749
Total word count - document A			6137
Total word count - document B			0
Total word count - documents A + B			6137

...INTERNATIONAL PATENT CLASS: G06F-017/60

...SPECIFICATION the development of the present invention seem to indicate that for periodic incoming data, no **more than** 6 frames need to be ORED to achieve a high probability that no other two consecutive zeros are in a row. This "00" bit position gives **electronic** display module 20 in accordance with the present invention the **offset** between its **power** -up window and the down-link burst period. **Electronic** display module 20 then aligns its wake-up window in the gate array and starts verifying alignment by checking parity. If the parity check fails consistently, **electronic** display module 20 should again verify synchronization.

With the large number of display modules 20...

20/3,K/2 (Item 2 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS

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00499287

METHOD AND SYSTEM FOR REMOTE DELIVERY OF RETAIL BANKING SERVICES  
VERFAHREN UND SYSTEM ZUR FERNVERTEILUNG FUR DEN KLEINHANDELBANKVERKEHR  
PROCEDE ET SYSTEME DE PRESTATION A DISTANCE DE SERVICES BANCAIRES DE DETAIL  
PATENT ASSIGNEE:

ONLINE RESOURCES & COMMUNICATIONS CORPORATION, (1387560), 1313 Dolly  
Madison Boulevard, Suite 300, McLean, VA 22101, (US), (applicant  
designated states: AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;NL;SE)

INVENTOR:

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CARMODY, Timothy, E., 1211 Summit Road, McLean, VA 22101, (US)

LEGAL REPRESENTATIVE:

Allman, Peter John et al (27675), MARKS & CLERK, Sussex House, 83-85  
Mosley Street, Manchester M2 3LG, (GB)

PATENT (CC, No, Kind, Date): EP 504287 A1 920923 (Basic)  
EP 504287 A1 931222  
EP 504287 B1 990721  
WO 9109370 910627

APPLICATION (CC, No, Date): EP 91901390 901210; WO 90US7153 901210

PRIORITY (CC, No, Date): US 448170 891208

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; LU; NL; SE

INTERNATIONAL PATENT CLASS: G06F-017/60 ; G07F-007/10; H04M-017/02

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9929	2662
CLAIMS B	(German)	9929	2704
CLAIMS B	(French)	9929	3257
SPEC B	(English)	9929	28351
Total word count - document A			0
Total word count - document B			36974
Total word count - documents A + B			36974

INTERNATIONAL PATENT CLASS: G06F-017/60 ...

...SPECIFICATION that will permit direct edge connect retrofitting of an  
alphabetic keyboard and/or card swipe **device** ;.

\* A system architecture connecting asynchronous, remotely located (home  
or office) dedicated purpose terminals (telephone and...

...transfer and balance inquiry and activity statement.

\* A system architecture connected to a network of **electronic** switches  
and/or payees.

\* Use of an online computer which processes customer bill payments and...

...his monthly statement;

\* A system architecture that permits immediate credit of funds to the  
service **provider** (upon debit authorization against the user's account,  
liability for payment of funds passes immediately...

...remote terminal based system for bill payment, funds transfer and  
account review; and

\* A cash **incentive** program for bills paid through a remote terminal  
based system for bill payment, funds transfer...



20/3,K/3 (Item 1 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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01111242 \*\*Image available\*\*

**RETAIL INFORMATION SYSTEM**  
**SYSTEME D'INFORMATION POUR MAGASIN**

Patent Applicant/Assignee:

THE RETAIL EXPERIENCE LIMITED, Faith House, 40-48 Chase Road, Park Royal,  
London NW10 6PX, GB,--GB (Residence), GB (Nationality), (For all  
designated states except: US)

Patent Applicant/Inventor:

FAITH Jonathan, The Retail Experience Limited, Faith House, 40-48 Chase  
Road, Park Royal, London NW10 6PX, GB, GB (Residence), GB (Nationality)  
, (Designated only for: US)

Legal Representative:

SLINGSBY Philip (et al) (agent), Page White & Farrer, 54 Doughty Street,  
London WC1N 2 LS, GB,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200434299 A1 20040422 (WO 0434299)

Application: WO 2003GB4358 20031008 (PCT/WO GB03004358)

Priority Application: GB 200223322 20021008

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD  
SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE  
SI SK TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 4937

Main International Patent Class: G06F-017/60

Fulltext Availability:

Claims

Claim

... the product, or linked purchase offers in which a matching product is  
offered at a **discount** if bought together with the product itself; price  
history of the product, indicating whether the product is being offered  
for sale at a **reduced price** ;  
an indication of the level of **discount** that a salesman may allow on the  
product. This data forms a product database. In...

...of the product etc. The salesman may also receive the information  
indicating the amount of **discount** available, in which case he is  
immediately able to answer any requests from the shopper for **discount** .  
Alternatively, the salesman may enter into the terminal a list of product  
features sought by...

...The computer 15 may also be used to alter the price of products, or the  
**discount** that may be offered on them, in real time. For example, if the  
manager determines that there is a need to sell more of a certain product  
he can **reduce** the **price** stored for, the product and salesmen will

immediately be able to offer the product at the **reduced price** . The prices may be altered from a remote terminal, e.g. at a head office...

...means suitable, for detecting product information, Jor. example a scanner capable of optically detecting and **machine** reading a printed name of the -product, or a magnetic sensor capable of reading a...

...one portable salesman advisory terminal comprising a first processing unit, a display, a user input **device** a data capture **device** for keyless data capture of information indicative of a product type and a wireless communication...

...second processing unit;  
the terminal being arranged to capture by means of the data capture **device** information indicative of a first product type and to transmit that information to the server...

20/3,K/4 (Item 2 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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01105816 \*\*Image available\*\*

**SYSTEM, METHOD AND SOFTWARE APPLICATION FOR SECURE COMMUNICATION**  
**SYSTEME, PROCEDE ET APPLICATION LOGICIELLE DE COMMUNICATION SECURISEE**

Patent Applicant/Assignee:

PEGASUS COMMUNICATIONS CORPORATION, 225 City Line Avenue, Suite 200, Bala Cynwyd, PA 19004, US, US (Residence), US (Nationality)

Inventor(s):

HANE John, 7503 Clarendon Road, Bethesda, MD 20814, US,

Legal Representative:

KERNER Herbert V (et al) (agent), Intellectual Property Department, Hunton & Williams LLP, 1900 K Street, N. W., Suite 1200, Washington, DC 20006-1109, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200427621 A1 20040401 (WO 0427621)

Application: WO 2003US29814 20030923 (PCT/WO US03029814)

Priority Application: US 2002412590 20020923

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK  
SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE  
SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 5869

Main International Patent Class: G06F-011/30

International Patent Class: G06F-012/14 ...

Fulltext Availability:

Claims

transactions by transmitting signals to the **provider** , for example,  
without limitation. It would be clear to persons of ordinary skill in the  
...

...The various embodiments of the present invention may further include a  
portable or wireless communications **device** , such as a handheld **device**  
or a vehicle 1 5 installed **device** , without limitation, which contains  
a transmitter and/or receiver operatively associated with the subscriber  
location...

20/3,K/5 (Item 3 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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01090307

THE USE OF "0"S AND "1"S WITH CUNEIFORM GRAMMAR TO PROGRAM DATA MEMORY  
UTILISATION DE 0 ET 1 AVEC LA GRAMMAIRE CUNEIFORME POUR PROGRAMMER UNE  
MEMOIRE DE DONNEES

Patent Applicant/Inventor:

SIDDIQ Mehjabeen, 44 Larch Avenue, London W3 7LH, GB, GB (Residence), GB  
(Nationality)

Patent and Priority Information (Country, Number, Date):

Patent: WO 200412076 A1 20040205 (WO 0412076)

Application: WO 2003GB2206 20030601 (PCT/WO GB03002206)

Priority Application: GB 200212800 20020601

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK  
SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE  
SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 7077

Main International Patent Class: **G06F-007/60**

Fulltext Availability:

Claims

Claim

... with prior art and O's and I's. By use of tools, materials and **energy**  
to run the software design for  
AMENDED SHEET (ARTICLE 19)  
business (and artificial intelligence) stimulation...

...in the process of commercially producing software design products  
operated on commercial tools, materials and **energy** . 2) The main reason  
is that G8 countries are the most politically stable with certain...

...claims over years from multimedia (TV, Cable and Satellite), software  
and games console designers and **manufacturers** , businesses and sales and  
acquisitions in UK and AMENDED SHEET (ARTICLE 19) employment. The stocks  
...

...on 'Oil for Food' programme to help rebuild Iraq infrastructure and promote regeneration and business **incentives**. **Compensation** to be paid to the following nation and people subjected to war and abuse of...

...bits and qubits in micro-chip data memory crystals, are as the following at variable **rates**, but no **less than** - **rates** quoted below:

AMENDED SHEET (ARTICLE 19)

.5% VAT on all **electronic** products and tools using computer data memory, and/or prior art for function and stimulation...

...film, software and games console. 10 % from all exhibition of entertainme is and multimedia using **electronic** products

P4.,oft

and tools with data memory, and/or; pn\*QT art for ftctio...

...business stimulation. 2.5% VAT on services and facilities for making of entertainment products, services **providers** and materials. 12.50p (or it's earning equivalent) on monthly surcharge on Internet subscription...

...bank, store and service cards, and further 1.5%, interest for share of markets using **electronic** systems with data memory. Y,2.50p surcharge on sales and acquisitions of all **utilities** to service buyers. 1% VAT (variable but not **less than** 1%) on all sales and acquisitions of paper and ink, and paper products used for...

...any price under LLOO will equal 1p).

AMENDED SHEET (ARTICLE 19)

% VAT (variable but nor **less than** 1%) on all sales and acquisitions of any pots or utensils with top with circular...

...And employment and training in how science and technology is applied. 1% VAT (variable not **less than** 1%) on all sales and acquisitions of imported agricultural produce. And employment in world food...

...is applied to food development and preservation, including organic produce. 1% VAT (variable' bot not **less than** 1%) on all sales and acquisitions of liquid drinks containing chemical additives, preservatives, colouring and...

...is applied to manufacturing industries of these kind of drinks. 1% VAT (variable but not **less than** 11/6) on all sales and acquisitions of non-prescription drugs. And employment and training in the pharmaceutical industry. 1% VAT (Variable but **less than** 1%) on all sales and acquisitions of natural minerals, metals and crystals, and synthetic fibres...

...Employment and training in metal, mineral and manufacturing fibres.  
--tl/lo

VAT. (variable but not **less than** 1 %) on all sales and acquisitions of natural burning fuel. And employment and training in research and development on conservation and environment and earth studies. 1% VAT (Variable but not **less than** 1%) on sales and acquisitions of textiles. Better employment and conditions in countries that are...

...10 and 19 of conventional rights. e) Section for the use of personal data on **electronic** and non- **electronic** sources at work and non-working environments. A4ake these laws compatible to The Human Rights...

...science, tools, materials, patents and copyrights are used and applied to industries, businesses and civic **incentives**. How human are

responsible for the preservation of these things from absolute consumption and extinction...

20/3,K/6 (Item 4 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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01088240 \*\*Image available\*\*

**EMISSION REDUCTION TRADING SYSTEM AND METHOD**  
**SYSTEME ET PROCEDE D'ECHANGES DE REDUCTION D'EMISSIONS**

Patent Applicant/Assignee:

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60604, US, US (Residence), US (Nationality)

Inventor(s):

SANDOR Richard, 1301 North Astor Street, Chicago, IL 60610, US,

Legal Representative:

FANUCCI Allan A (agent), Winston & Strawn, LLP, 1400 L Street, N.W.,  
Washington, DC 20005-3502, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200410366 A2 20040129 (WO 0410366)

Application: WO 2003US22607 20030718 (PCT/WO US03022607)

Priority Application: US 2002397401 20020720

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD  
SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE  
SI SK TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 14506

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... environmental impact than CO<sub>2</sub>. It is possible, however, to burn the methane using a combustion device 1 0 1 5. The burning converts the methane to CO<sub>2</sub> while creating electric power from an electric power generator 1020. The burning of methane releases 2.75 tons Of CO<sub>2</sub> for every one...

...from burning methane is 1 8.25 metric tons of CO<sub>2</sub>. Thus, an exchange landfill offset (XLO) can be issued in the market.

28

[00941 A market member 1030 can purchase...

20/3,K/7 (Item 5 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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01057884      \*\*Image available\*\*

**SYSTEM AND METHOD FOR PROCESSING FINANCIAL TRANSACTIONS USING MULTI-PAYMENT PREFERENCES**

**SYSTEME ET PROCEDE DE TRAITEMENT DE TRANSACTIONS FINANCIERES REPOSANT SUR L'UTILISATION DE PREFERENCES DE PAIEMENTS MULTIPLES**

Patent Applicant/Assignee:

EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, 1545 Route 22 East P.O Box 900, Annandale, NJ 08801-0900, US, US (Residence), US (Nationality)

Inventor(s):

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MURRAY Jack B Jr, 3532 Barkley Drive, Fairfax, VA 22031, US,

Legal Representative:

PURWIN Paul E (et al) (agent), ExxonMobil Research and Engineering Company, 1545 Route 22 East, P.O. Box 900, Annandale, NJ 08801-0900, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200388078 A2-A3 20031023 (WO 0388078)

Application: WO 2003US10577 20030407 (PCT/WO US03010577)

Priority Application: US 2002370244 20020408; US 2003407367 20030404

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ

EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR

LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG

SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE

SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 21710

Main International Patent Class: **G06F-017/16**

Fulltext Availability:

Claims

Claim

... data reader. The data reader comprises means for scanning the data to be read, a **power** source and memory for storing the read data. The data to be read comprises data associated with a product(s), service(s), or **merchant** (s). The data to be read may be found in any medium capable of being...

...may be contained in an advertisement. The advertisement may be for a product, service or **merchant** advertisement. The advertisement may be in a newspaper, magazine, internet website, poster, or similar medium...

...an embodiment of the present invention, the data to be read is associated with a **discount** for a product or service. A customer utilizes the data entry method to read the data associated with the **discount**. The data is stored in association with the transponder. When the customer later purchases the...

...or service, the customer's transponder is read by the transponder reader associated with the **merchant** 's POS terminal. The data associated with the - 31 **discount** is transmitted to the **merchant** 's POS terminal. The

**discount** is then applied to the customer's purchase transaction of the product. [057] In another embodiment, when the data associated with the **discount** is transmitted to the **merchant** 's POS terminal, the data is then matched with corresponding data in a central database or in the **merchant** 's database. This corresponding data informs **merchant** 's clerk and/or the POS terminal to provide the **discount** . The **merchant** 's database may be an off-site central database, an on-site local database (including...

...the POS terminal), or a distributed database. In another embodiment, the data associated with the **discount** is stored in the customer transceiver. This data is transmitted to the

**merchant** 's POS terminal and informs the **merchant** 's clerk and/or the POS

terminal to provide the **discount** . For example, the Universal Product Code (UPC) for a product could be stored in the customer transceiver or data reader memory along with the **discount** amount associated with the product. The UPC and corresponding **discount** amount could then be transmitted to **merchant** 's POS terminal.

[058] A **discount** or offer from a **merchant** may also be associated with a

customer's user profile in a central database or in a **merchant** 's database. As discussed, in an embodiment of the present invention, an authorization request including...

...system determines from the transaction data is the product or service is covered by the **discount** or offer associated with the customer's user profile. If the product or service involved in the transaction is covered, the **discount** or offer is communicated to the POS terminal so that the **discount** or offer can be applied to the transaction and communicated to the customer and/or **merchant** 's clerk. - 32 [059] In a further embodiment of the present invention, multiple data may...

...association with the transponder. For example, data may be read for products from the same **manufacturer** or distributor. Data may be read for multiple products offered by the same **merchant** . In a further embodiment, the data to be read may be associated with multiple products offered by a **merchant** or from a **manufacturer** . The data to be read may also be associated with multiple products offered by various **merchants** or **manufacturers** . For example, a newspaper may contain an insert containing various coupons or **discount** offers. Data to be read may be associated with all the various coupons or **discount** offers on the newspaper insert. When a customer uses the data reader to read the data, all the various coupons or **discount** offers are stored in association with the transponder. Further, the data to be read may be associated with all the various coupons or **discount** offers in a newspaper section or in the entire newspaper. [060] When the data to be read is associated with a coupon or **discount** offer listed on an internet website, the customer may read the data with the data...

...reader may comprise a bar code reader. The data reader may be capable of reading **more than** one form of data. For example, the data reader may be capable of reading bar...

...may then be presented to the customer. [063] In a further embodiment, a coupon or **discount** offer may also provide a URL address for an internet website where the customer may purchase the product or service associated with the coupon or **discount** offer. Data to be read may be associated with the coupon or **discount** and/or the URL address. The customer may read the data with the data reader...may

...key for a hotel room. The customer may be given the key by a hotel agent , such as a desk clerk. Alternatively, the customer may be given the key automatically by...

...loyalty points have been accumulated, a customer may be offered a loyalty award from a merchant . This loyalty award may be a free or reduced price good or service. Alternatively, the - 45 loyalty award may be a credit or discount on a future transaction with the merchant . A customer's loyalty award qualification may be communicated to a merchant employee at the customer's next purchase. Alternatively, a customer may receive notification of the...

...website. The customer may be provided means for identifying the loyalty award qualification to a merchant . For example, a special loyalty award code or coupon may be given to the customer...

...in the customer's transponder. When the customer's transponder is subsequently read by a merchant transponder reader, the loyalty award qualification is then communicated to the merchant by the transponder reader.

[087] In a further embodiment, the present invention may be used...

20/3,K/8 (Item 6 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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01056423 \*\*Image available\*\*

**DERIVATIVES HAVING DEMAND-BASED, ADJUSTABLE RETURNS, AND TRADING EXCHANGE THEREFOR**

**PRODUITS DERIVES PRESENTANT DES RENDEMENTS AJUSTABLES BASES SUR LA DEMANDE ET ECHANGES COMMERCIAUX ASSOCIES**

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Patent and Priority Information (Country, Number, Date):

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Application: WO 2003US7990 20030313 (PCT/WO US03007990)

Priority Application: US 2002115505 20020402

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AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG  
SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE  
SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

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Fulltext Word Count: 136258

Main International Patent Class: **G06F-017/60**  
Fulltext Availability:  
Claims

#### Claim

- ... LOR, a commodity price monitoring group based in London. - 91
- Example 3. 1.1 1: **Energy** Supply Chain
- A group of DBAR contingent claims can also be constructed using the methods...
- ...production. The rig count tends to be a slowly adjusting quantity that is sensitive to **energy** prices. Thus, appropriately structured groups of DBAR contingent claims based on rig counts could enable suppliers, producers and drillers to hedge exposure to sudden changes in **energy** prices and could provide a valuable risk-sharing **device**. For example, a group of DBAR contingent claims depending on the rig count could be...
- ...markets or auctions can be structured to offer a wide variety of products related to **power** and emissions, including **electricity** prices, loads, degree-days, water supply, and pollution credits. The following examples provide a further representative sampling: - 92
- Electricity** Prices: Demand-based markets or auctions can be structured to trade DBAR contingent claims, including, for example, dicritical options, based on the price of **electricity** at various points on the **electricity** grid. For example, DBAR contingent claims can be based on an underlying event defined as the weekly average price of **electricity** in kilowatt-hours at the New York Independent System Operator (NYISO). Transmission Load: Demand-based...
- ...to trade DBAR contingent claims, including, for example, digital options, based on the actual load (**power** demand) experienced for a particular **power** pool, allowing participants to trade volume, in addition to price. For example, DBAR contingent claims...
- ...based on water supply. Water measures are useful to a broad variety of constituents, including **power** companies, agricultural producers, and municipalities. For example, DBAR contingent claims can be based on an...
- ...this example are not shown, but can be readily calculated or will emerge from actual **trader** investments according to the methods of the present invention, as illustrated in Examples 3 1...
- ...compare the digital option's expected return with the prospective loss of principal, correlate the **offsetting** options, and invest accordingly. While this tactic would not eliminate reinvestment risks, per se, it...
- ...tend to enhance annuity-like cash profiles, and reduce investment risks.
- (4) Prepayment puts plus **discount** MBS. **Discount** mortgage-backed securities tend to enjoy two-fold benefits as interest rates decline in the...
- ...of positive price changes and increases in prepayment speeds. Converse penalties apply in events of **increases** in interest **rates**, where a **discount** MBS suffers from adverse price change, and a decline in prepayment income. A **discount** MBS owner could **offset** diminished prepayment income by investing in DBAR contingent claims, such as, for example, digital put...

20/3,K/9 (Item 7 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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01047380 \*\*Image available\*\*

**CUSTOMIZATION OF PROMOTIONAL MATERIAL THROUGH USE OF PROGRAMMABLE RADIO  
FREQUENCY IDENTIFICATION TECHNOLOGY  
PERSONNALISATION DE MATERIEL PUBLICITAIRE A L'AIDE D'UNE TECHNOLOGIE  
D'IDENTIFICATION PAR RADIO-FREQUENCE PROGRAMMABLE**

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Patent and Priority Information (Country, Number, Date):

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Application: WO 2002US37830 20021125 (PCT/WO US02037830)  
Priority Application: US 200292106 20020306

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AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG  
SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
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Fulltext Word Count: 7100

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... this consumer 200. This reduced price for the consumer can be  
downloaded onto the user **device** 416 and presented at checkout for  
**discount**, or the **reduced price** can be programmed onto the 1 5 RFID  
**device** associated with Cola Y 500 picked up by the consumer. The  
programming of the RFID **device** associated with Cola Y 500 can be  
performed with user **device** 416 if equipped with a writer, or through  
the store shelf 418 when the consumer...

...Cola Y 500. As previously explained, when the RFID-equipped item 500 is  
touched, an **electrical** path occurs between the item 500 and the reader  
418 allowing the item 500 to communicate with the reader 418. In this  
embodiment, the RFID **device** 102 would be capable of receiving commands  
from the reader 418 such that the reader 418 can re-program the data  
field 300 in the RED **device** 102.

Specifically, it may re-program at

20/3,K/10 (Item 8 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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01043254 \*\*Image available\*\*

METHOD AND SYSTEM FOR TRACKING AND PROVIDING INCENTIVES AND BEHAVIORAL  
INFLUENCES RELATED TO MONEY AND TECHNOLOGY

PROCEDE ET SYSTEME DE SUIVI ET D'OCTROI D'INCITATIONS A DES TACHES ET  
ACTIVITES ET AUTRES DOMAINES DE COMPORTEMENT TOUCHANT A L'ARGENT, AUX  
INDIVIDUS, A LA TECHNOLOGIE, ET AUTRES VALEURS

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Patent and Priority Information (Country, Number, Date):

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Application: WO 2003US5982 20030227 (PCT/WO US03005982)

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2002364237 20020313; US 2002364448 20020314; US 2002370518 20020404; US  
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2002414860 20020930; US 2002416135 20021003; US 2002416288 20021004; US  
2002418413 20021015; US 2002421170 20021025; US 2002422042 20021028; US  
2002427787 20021119; US 2002429596 20021126; US 2002430542 20021202; US  
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AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK  
SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI  
SK TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
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Main International Patent Class: G06F-017/60

Fulltext Availability:

Claims

Claim

... existence of specific offers that may be redeemed at identified  
physical commerce locations, such as **discounts** on all or specified  
purchases, or points or other rewards for purchases and/or visits  
**discounts** in stores or hotels, reservations at hotels or restaurants,  
ticket purchases, reservations of scarce goods...

...date, time, amount of purchase, items purchased and other data supplied  
by third party commerce **providers** and/or other information. This  
information may be similarly useful if telemarketing activity generates

sales but...time and geographic location are selected in relation to information obtained by a

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service **provider** in relation to the planned location of the individual. Additional consideration, such as personal infort...sporting event, obtaining tourist information, payment of tolls, and other activities. The benefits may be **discounts** on goods and services, or points in a rewards program for the purchase of goods and services. By way of example, a travel reservation service enters into arrangements to offer **discounts** at business establishments in particular locations when an individual purchases tickets or makes accommodation reservations ... personal information before receiving the benefit, or the benefit may be provided as an additional **incentive** to use the service **provider**'s services. The benefit need not be offered immediately at the time of traveling. For example, users of wireless toll collection systems, such as EZ PASS TM may be offered **discounts** or other benefits at particular establishments located near the exit and/or entrance locations regularly used. Similarly, purchasers of mass transit tickets may be offered **discounts** available during selected times of the day at retailers near selected stations. These **discounts** may be geared to providing an additional **incentive** for use of mass transit during times of relatively low volume, such as midday and...

...web site maintained by a state or city tourism agency, may be offered time limited **discounts** in the relevant state or city, or other region.

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[0002401 In a specific example of the above, a method and system is provided for an **incentive** to individuals to famish personal information in connection with receiving geographical information from a network... store maps and routes for later retrieval. In the method of the invention, an additional **incentive** is provided to individuals to famish personal information to the operator of the map server... information from the map server. The limited time

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may be a period of hours **less than** a day, such as 6 hours, 12 hours, or 16 hours, may be a period...

...time. If known, the specific location of the individual at the point when the initial **incentive** offer is extended may also be a factor that influences the value of the offer...may be obtained if the individual is using a cell phone, PDA, or other wireless **device**. The length of time may be selected based on algorithms that include any desired factors...

...route of 1000 miles is selected and a map is provided, the coupon or other **incentive** -based offers may be available ...the contemplated route increases, the time to redeem or otherwise use the coupon or other **incentive** or benefit may increase. The degree to which the location-specific incentive offer represents a departure from the planned and mapped route may also be a factor that affects the value of the **incentive** and/or the nature of the reward. For example, the value of the coupon may...the distance from the planned route. In addition, the length of time within which the **incentive** offer may be extended may also depend on the business type. A coupon or other...coupon will indicate the expiration time, the business location, and the benefit, e.g., a **discount** or a free product or service. The individual then causes the coupon to print on...be informed, at any point before display of the map, of the opportunity to obtain **discounts** or other benefits at businesses along a route or near a mapped location. [000242] The... limited to communication over the Internet, and may be provided in communications to a content **provider**, or otherwise. In one aspect of

the invention, the individual seeking geographical information from a... images may be transmitted as e-mail, displayed on cell phones, PDA's and other **devices** having such capability, and in other manners. 10002431 A map or directions may be provided...

...may be provided via alternate means, such as cellular telephone or PDA or other portable **electronic device**. Maps and directions may include reference to physical commerce locations near or along routes or... existence of specific offers that may be redeemed at identified physical commerce locations, such as **discounts** on all or specified purchases, or points or other rewards for

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purchases and/or...benefit, reservation, order, or other item, at a virtual or physical commercial location, such as **discounts** in stores or hotels, reservations at hotels or restaurants, ticket purchases, reservations of scarce goods...

...entitled. These codes may be provided via the in-vehicle communication system, or other portable **electronic device**. This information may be recorded and individuals ...date, time, amount of purchase, items purchased and other data supplied by third party commerce **providers** and/or other information. [000245] This information may be similarly useful if telemarketing activity generates sales...

...payment occurs at a later time in stores, and/or payments occur through a service **provider**, possibly through a billing function or through other means. [000246] Preferred treatment, as discussed above, can include preferred levels of treatment from the in- vehicle communications service **provider**, and from other businesses to which customers are steered, for example. Such businesses may include...to be steered from the vehicle to physical commerce locations, telephone communications, online and other **electronic** communications for interactions, purchases, payments, money transfers and other purposes, as well as from computers ...such as cell phones, PDA's or wireless computer communications, provided by entities other than **providers** of in-vehicle communications systems may be employed in lieu of or in addition to...or communication conducted using in-vehicle communications systems. [000250] Information regarding items available, such as **discounts**, locations available for **discounted** items, subjects ...or coordinated with other methods described herein.

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Altered Timing, Adoption, Reduced and/or Increased **Energy** Consumption [000251] These programs, systems and methods are applicable to the use of vehicles, **devices**, **appliances** or technologies that use **energy**. The use of particular categories of vehicles, **devices**, **appliances**, or technologies may be incentivized and may or may not be incorporated with other programs access to legal plans. The purchase and use of particular vehicles, **devices**, **appliances** or technologies may be events that are rewarded in an **incentive** rewards algorithm. Coordination of tasks and activities and the coordinated use of individual assets may...

...altered timing of consumption, reduced consumption, interruptions, increased consumption and adoption or use of preferred **energy** may be rewarded. Depending on the circumstances and preferences of participants, benefits and other rewards may be variously provided. For example, altering the timing of the consumption of **energy**, reduction in the consumption of non-renewable or other undesirable forms of **energy**, vehicles and/or **devices** that consume undesirable forms of **energy** and others may be events. Alternatively, events may include adoption, use and or increased consumption of preferred forms and types of renewable

**energy** and other preferred forms of **energy** , for example. These applications, programs, systems and methods may also be provided for encouraging and...methods may be applicable to cause users to increase or decrease their overall use of **energy** , to adopt a' particular source of **energy** , such as renewable **energy** , to increase or decrease use of **energy** from a particular source, to adopt, increase or decrease the use of a particular **energy** delivery system, and to alter the timing of consumption or use of **energy** , interruptions among others. [000253] **Incentives** may be provided through an award and redemption system and method of the invention ...organization, such as a business, government unit or non-profit

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institution, may create an **incentive** program in which the use of resources, such as office supplies and communications bandwidth, are...

...from a point account. Balances in the accounts may be redeemed for various items. [000254] **Incentives** may be provided through a point award and ...point account that can be redeemed for various items. Adoption and/or Use of Preferred **Energy** Consuming Vehicles and **Devices**

[000255] Vehicles and **devices** such as those that consume preferred forms of **energy** may be rewarded. Programs may be provided for factors such as type of vehicle, or those that consume renewable **energy** and for other reasons, for example. These may be combined or coordinated with my methods described in previous patent applications that involve providing rewards for interruptions, reduced **energy** consumption, altered timing of **energy** consumption and others. These methods may be combined or coordinated with other methods described herein...

...relate specifically to automobiles, such as credit towards future vehicle repairs including at particular auto **dealerships** or other repair stations, credit for future purchases of automobiles or related services, as well...and other variations. These methods may be combined or coordinated with other methods described herein.

#### **Electronic Database Searches and other Services**

[000257] Various **providers** of **electronic** database services such as Lexis-Nexis and others provide various forms of search and information... paying bills by preferred dates and by preferred methods. Bill payments are events in an **incentive** program. Algorithms are designed so that customers are rewarded for paying their bills as desired...and/or offline at one or more particular retail locations, and discretely providing a personalized **discount** . The system and method may also be applied to services. [...administrator may function as a conduit between consumers and retailers or may provide its own **incentives** to retailers for participation in the program. The consumer may be optionally enrolled in the...and/or various combinations of one or more means. For example, a single paper or **electronic** form may be presented to individual consumers with a broad list of categories

20/3,K/11 (Item 9 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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01036174

#### **A SYSTEM AND METHOD FOR MINING DATA**

#### **SYSTEME ET PROCEDE D'EXPLORATION EN PROFONDEUR DE DONNEES**

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Patent and Priority Information (Country, Number, Date):

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Priority Application: US 2002353487 20020201

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AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK  
SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI  
SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

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Main International Patent Class: G06F-015/173

Fulltext Availability:

Claims

Claim

... type definitions and will therefore operate correctly. The problem is  
aggravated when systems from different **vendors** wish to exchange data  
and information since their ...field contains the second dimension. This  
invention is particularly well-adapted for structures of a **higher**  
dimensionality **than** two, or where the connections between elements of a  
structure is more complex than simple...These non-aligned structures may  
occur when reading from files using the type manager. Different **machine**  
architectures and compilers pack data into structures with different  
rules regarding the 'padding' inserted between...

...this reason, this function is used to handle these differences when  
passing data between dissimilar **machine** architecture.

TM-FixByteOrdering corrects the byte ordering of a given type from the  
byte ordering of a 'source' **machine** to that of a 'target' **machine**

(normally 0 for the current **machine** architecture). This capability is  
often necessary when reading or writing data from/to files originating

...kBigEndian e.g., the Macintosh PowerPC

kLittleEndian e.g., the Intel x86 architecture

Wurrentl3yteOrdering current **machine** architecture

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TM FindTypeDBO can be used to find the TypeDB handle that contains the...  
important feature if type information is to be reliably shared across a  
network by different **machines**. The key point is that by knowledge of  
the type name alone, a unique numeric...

20/3,K/12 (Item 10 from file: 349)

DIALOG(R) File 349: PCT FULLTEXT

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01020741 \*\*Image available\*\*

METHODS AND SYSTEM FOR ADDING LIQUIDITY TO ALTERNATIVE INVESTMENT  
TRANSACTIONS

PROCEDES ET SYSTEME PERMETTANT DE RENDRE PLUS LIQUIDE DES TRANSACTIONS  
D'INVESTISSEMENT ALTERNATIVES

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Patent and Priority Information (Country, Number, Date):

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EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK  
SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SI SK  
TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

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Fulltext Word Count: 17185

Main International Patent Class: G06F-017/60

Fulltext Availability:

Claims

Claim

... Preferred Stock, in accordance with one embodiment of the invention,  
might permit investors with a **lower** risk appetite **than** PENC investors  
to offer LPs some immediate liquidity, while also assuring that ultimate  
liquidation of...dividend and perhaps some upside participation; and the  
residual to the junior class. The liquidity **provider** could then buy the  
synthetic preferred stock from the owner. The Synthetic Preferred Stock  
may...

...the equity. However, Synthetic Preferred Stock can be much richer and  
provide a great deal **more** flexibility **than** even complex options.  
Though there can be many complexities connected ...out the residual  
interest to the LPs. Further, the buyer of the SPS can be **more** patient  
**than** the PEF, because their expected returns are lower, but the holders  
of the SPS are...by a General Partner 21 10. The General partner, either  
alone or provides for appropriate **incentives** to liquidate the trust  
assets in a reasonable period of time while balancing the different...a  
bus. The memory may comprise a RAM, a ROM, and other types of storage  
**devices** such as a CDROM or other optical storage.  
The network 4, as shown in Fig...

...network. The network 4 may alternatively use wireless technology to  
connect computers together. The user **devices** operated by the limited  
partners 30, the general partners 20 and the liquidity Structure 40 may  
also communicate with the Internet via an Internet service **provider**.



The network 4 may operate using any network-enabled code, such as ...the invention, or portions of such systems, may be in the form of a "processing **machine**," such as a general purpose computer, for example. As used herein, the term "processing **machine**" is to be understood to include at least one processor that uses at least one...

...may be either permanently or temporarily stored in the memory or memories of the processing **machine**. The processor executes the instructions that are stored in the memory or memories in order characterized as a program, software program, or simply software. As noted above, the processing **machine** executes the instructions that are stored in the memory or memories to process data. This...

...data may be in response to commands by a user or users of the processing **machine**, in response to previous processing, in response to a request by another processing **machine** and/or any other input, for example. As noted above, the processing **machine** used to implement the invention may be a general purpose computer. However, the processing **machine** described above may also utilize any of a wide variety ...or other integrated circuit, a logic circuit, a digital signal processor, a programmable logic

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**device** such as a FPGA, PLD, PLA or PAL, or any other **device** or arrangement of **devices** that is capable of implementing the steps of the process of the invention. It is...above, it is not necessary that the processors and/or the memories of the processing **machine** be physically located in the same geographical place. That is, each of the processors and...

...of the processor and/or the memory may be composed of different physical pieces of **equipment**. Accordingly, it is not necessary that the processor be one single piece of **equipment** in one location and that the memory be another single piece of **equipment** in another location. That is, it is contemplated that the processor may be two pieces of **equipment** in two different physical locations. The two distinct pieces of **equipment** may be connected in any suitable manner. Additionally, the memory may include two or more...include modular programming in the form of object oriented programming. The software tells the processing **machine** what to do with the data being processed. Further, it is appreciated that the instructions a suitable form such that the processing **machine** may read the instructions. For example, the-instructions that form a program may be in the form of a suitable programming language, which is converted to **machine** language or object code to allow the processor or processors to read the instructions. That

...

...lines of programming code or source code, in a particular programming language, are converted to **machine** language using a compiler, assembler or interpreter. The **machine** language is binary coded **machine** instructions that are specific to a particular type of processing **machine**, i.e., to a particular type of computer, for example. The computer understands the **machine** language.

Any suitable programming language may be used in accordance with the various embodiments of...As described above, the invention may illustratively be embodied in the form of a processing **machine**, including a computer or computer system, for example, that includes at least one memory. It...media or medium. That is, the particular medium, i.e., the memory in the processing **machine**, utilized to hold the set of instructions and/or the data used in the invention...by the processors of the invention.

Further, the memory or memories used in the processing **machine** that

implements the invention may be in any of a wide variety of forms to...of "user interfaces" may be utilized to allow a user to interface with the processing **machine** or **machines** that are used to implement the invention. As used herein, a user interface includes any

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hardware, software, or combination of hardware and software used by the processing **machine** that allows a user to interact with the processing **machine**. A user interface may be in the form of a dialogue screen for example. A...

...voice recognizer, dialogue screen, menu box, list, checkbox, toggle switch, a pushbutton or any other **device** that allows a user to receive information regarding the operation of the processing **machine** as it processes a set of instructions and/or provide the processing **machine** with information. Accordingly, the user interface is any **device** that provides communication between a user and a processing **machine**. The information provided by the user to the processing **machine** through the user interface may be in the form of a command, a selection of...

...other input, for example. As discussed above, a user interface is utilized by the processing **machine** that performs a set of instructions such that the processing **machine** processes data for a user, The user interface is typically used by the processing **machine** for interacting with a user either to convey information or receive information from the user...necessary that a human user actually interact with a user interface used by the processing **machine** of the invention. Rather, it is contemplated that the user interface of the invention might interact, i.e., convey and receive information, with another processing **machine**, rather than a human user. Accordingly, the other processing **machine** might be characterized as a user. Further, it is contemplated that a user interface utilized in the system and method of the invention may interact partially with another processing **machine** or processing **machines**, while also interacting partially with a human ...by those persons skilled in the art that the present invention is susceptible to broad **utility** and application. Many embodiments and adaptations of the present invention other than those herein described...

20/3,K/13 (Item 11 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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01001193 \*\*Image available\*\*

**SYSTEM AND METHOD FOR RAPIDLY CUSTOMIZING DESIGN, MANUFACTURE AND/OR SELECTION OF BIOMEDICAL DEVICES**  
**SYSTEME ET PROCEDE POUR PERSONNALISER RAPIDEMENT LA CONCEPTION, LA FABRICATION ET/OU LA SELECTION DE DISPOSITIFS BIOMEDICAUX**

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Patent and Priority Information (Country, Number, Date):

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AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK  
SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

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Fulltext Word Count: 19643

International Patent Class: G06F-019/00

Fulltext Availability:

Claims

Claim

... server computer 18 includes server applications 76 for the routing of  
instructions, programs, data and **agents** between the MRI device 70, CT  
device 72, client computing system 12 and CAD workstation...For example,  
the digital model may define internal structures, different materials,  
densities, density gradients, pharmacological **agents** and the like,  
which may require 3-D printing to create such structure in a...Medicine  
("DICOM") standard developed by the American College of Radiology ("ACW")  
and the National Electrical **Manufacturer** 's Association ("NEMA"). DICOM  
is based upon the Open System Interconnect (OSI) reference model, which  
...Technologies, Waltham, MA).

In accordance with another embodiment, radiological data is combined  
1 5 from **more than** one type of scan, such as MRI and CT. In combining  
two different scans typically taken with two different sets of **equipment**  
and two different positionings of the patient, one challenge is to  
determine the appropriate relative...include a cut, protrusion, hole, or  
specific dimension in a specific region of the biomedical **device** .  
Replacement of a portion of or a complete jawbone may require planning  
not only for...example, enlarging the entire part by a predetermined  
factor in all or certain directions to **compensate** for anticipated  
shrinkage during post-manufacturing 1 5 processing steps. Such shrinkage  
is known in the art, along with how to **compensate** for it.  
The required software and computer facilities may be so sophisticated,  
expensive and/or...

...geometric alteration, there is also another possible step of the  
process of designing a biomedical **device** such as an implant. This step  
requires associating a composition variable or ...compositional details  
are not incorporated into the digital model, they can be incorporated in  
the **machine** instruction file.

Other design conveniences are also possible. For example, because the

nearby bones and...final digital model file can be transmitted over 1 5 the Internet to the manufacturing **machine** if that **machine** is located at still another location. Thus, the computer facilities and software that process the...the surface, or other compositional variation such as placement of bioactive substances. IGES would be **more** limiting **than** STEP in this respect. If the transmission of data is done with proprietary ...is desirable in any such data transmission. Transmission of approval from the physician to the **manufacturer** can be stored with the file containing the agreed-upon design, forming a record of the same. One method of constructing the biomedical **devices** employs threedimensional printing. Three-dimensional printing (3DP) involves selectively bonding together powder in successively deposited...as are known in the art.

Since the intended process is for medical use, the **equipment** must include certain medical-specific features. For example, the **equipment** and/or end product may need to be ...of the object. The entire set of data or instructions is referred to as the **machine** instructions. In a general sense, the slices which are the manufacturing instructions bear a general...many cases essentially binary, instructing particular dispensers to either dispense or not dispense. Generating the **machine** instructions includes mathematically taking a cross-section of the digital model at locations correspond

20/3,K/14 (Item 12 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00994559

**DIGITAL OPTIONS HAVING DEMAND-BASED, ADJUSTABLE RETURNS, AND TRADING EXCHANGE THEREFOR**

**OPTIONS NUMERIQUES A RETOURS AJUSTABLES BASEES SUR LA DEMANDE ET BOURSE D'ECHANGES COMMERCIAUX AFFERENTE**

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Priority Application: US 2001950498 20010910

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SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

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Main International Patent Class: G06F

Fulltext Availability:

Claims

Claim

... of positive price changes and increases in prepayment speeds. Converse penalties apply in events of **increases** in interest **rates**, where a **discount** M13S suffers from adverse price change, and a decline in prepayment income. A **discount** MBS owner could **offset** diminished prepayment income by investing in DBAR contingent claims, such as, for example, digital put...DBAR contingent claims, such as, for example, digital call options, based on mortgage prepayments to **offset** losses attributable to unwelcome paydowns. The analogue would also apply to interest-only mortgage-backed...weighted purchases of a demand-based market or auction on mortgage prepayments would tend to **offset** the negative convexity exhibited by mortgage-backed securities. It is likely that expert participants in... perils in other countries simply due to capital constraints. As capital becomes scarce and insurance **rates increase**, market participants usually access the capital markets by purchasing catastrophic bonds (CAT bonds) issued by...example are not shown, but - 102 can be readily calculated or will emerge from actual **trader** investments according to the methods of the present invention, as illustrated in Examples 3 1 to those of skill in the art, which predict, with **greater** probability **than** a normal distribution, when losses will be extreme. As indicated previously, in preferred embodiments market...

20/3,K/15 (Item 13 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00948091 \*\*Image available\*\*

METHOD AND SYSTEM FOR THE MANAGEMENT OF STRUCTURED COMMODITY TRANSACTIONS  
AND TRADING OF RELATED FINANCIAL PRODUCTS  
PROCEDE ET SYSTEME DE GESTION DE TRANSACTIONS STRUCTUREES DE MARCHANDISES  
ET COMMERCE DE PRODUITS FINANCIERS ASSOCIES

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Patent and Priority Information (Country, Number, Date):

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Application: WO 2002US10861 20020404 (PCT/WO US0210861)

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SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
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Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... Hedge Device.

This device is used to create hedge transactions. Hedges can be created to **offset** a single transaction, or multiple transactions, whichever combinations are relevant to the user. In the Positions mode (within Structuring Tools) , a hedge can be created to perfectly **offset** an existing executed or natural position. The hedge is the same transaction type, with all...or positions in the residual management mode, the net positions or residuals may exist for **more than** one location.

Hedge Device Algorithms.

There is no distinct hedge device calculation, other than processing...

20/3,K/16 (Item 14 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00943642 \*\*Image available\*\*

**FREE-MARKET ENVIRONMENTAL MANAGEMENT SYSTEM HAVING INSURED CERTIFICATION TO  
A PROCESS STANDARD**

**SYSTEME DE GESTION ECOLOGIQUE LIBERALE CERTIFIE CONFORME A UNE NORME**

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Patent and Priority Information (Country, Number, Date):

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EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL  
TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

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Fulltext Availability:

Claims

Claim

... were used to take control of the factors of production on individual property, the civic **agent** now has the legal tools to take control of ALL related private property. Control of...

...socialized commons is destructive to the regulated asset because the resource is under a controlling **agent** with no structural motive to prevent or eliminate problems. Quite the contrary, civic regulation not ...scientists to serve sponsoring interests taints the conduct of all science. It is the civic **power** to control the use of property that brings these interests out of the grows. Problems...

...the regulatory enterprise. Problems are a source of income, a sense of purpose, or social **power**, so there is no motive to eliminate a need. Civic agencies are inherently stabile. Problems...or fund NGOs to do it for them. The problem is that they have police **power** to effect disproportionate influence on any regulatory decision. When administrative goveinment functions as legislator, police, prosecutor, and judge, as funded by the penalties collected, when it acquires MORE **power** when the problem gets bigger, when that **power** extends to control the factors of all economic production, civic regulation grows irreversibly, without effective...

...making process was delegated to appointed panels of experts in regulatory boards. Unfortunately, as the **power** of both activists and lobbyists has grown, as rules have propagated into thousand-page manuals ...

...of production, it isn't long before industry leaders recognize the potential to convert that **power** into a patronage system. When that **power** is capable of either handing them an oligopoly or destroying them, a rational person will...

...to survive. Those capable of exerting political influence are obviously tempted to

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use civic **power** to increase the value of their assets or force competitors out of business. The corporate...

...interest in the use of a competing resource. These can be either direct competitors or **suppliers** of a substitute good. There are numerous tools available: tax policy, zoning law, the threat...

...regulatory agencies. Public acquisition for the purposes of manipulating the value of resources that produce **energy** is now conducted on a grand scale. Nuclear **power** has been entirely withdrawn through NGO lawsuits. Species (such as salmon) have been maintained as Billions of dollars worth of **electricity** was foregone with no demonstrated need and no objective benefit to the fish. The nation...

...oil and natural gas were similarly confiscated. Environmental NGO activist lawyers who once shut down **electrical power** plants, now sit on the Boards of Directors of major **electrical producers** who refused to increase plant capacity in the face of increasing demand. The resulting **energy** crisis across the West has produced tens of billions

of dollars in additional revenue to...

- ...and social affiliations. These social groups are powerful people: academics, lawyers, planners, politicians, real estate **agents**, financiers, and developers, who all share a similar focus to implement their preferences by the...
- ...attributes along with the prospective intelligence and creativity of human beings. The exercise of political **power** to control the use of private property by civic regulation is just too much temptation...
- ...invention's applicability to environmental law. Each has deficient properties. The first regards manufacture of **electrical appliances**, and the second, forest certification. Insured Certification in Manufactured Goods. Certification companies have no **incentive** to corrupt their standards for the benefit of any particular industrial concern. The reason is...
- ...of the reinsurance they carry, based upon their record of misjudgment. Consider the example of **electrical appliances**. This industry recognized, long ago, that **electrical appliances** carry potentially fatal hazards. The products were subject to misuse and damage. Production standards were variable. In order for public confidence to be maintained and to protect **manufacturers** from either government mandated production standards or capricious lawsuits, Underwriters' Laboratories (UL) was constituted. UL...
- ...without need for civic oversight. Considering that few people worry about the safety of their **appliances**, can you imagine having to go to Congress or a bureaucracy for every new type ...by the American Forest & Paper Association (AF&PA). This organization is comprised of large, industrial **producers** of pulp and lumber. The purpose is obvious: remove bad actors, retain competitive productivity, and...
- ...consideration of a specific technology, for example, a type of genetically modified tree or specialized **machinery** that might have taken years (and millions of dollars) to develop. There will probably be ...
- ...by control of the customer base through "green" labeling. The idea is that, if the **supplier** adheres to FSC specifications and operational requirements, and subscribes to independent verification services provided by...
- ...auditors, they can use the FSC logo on a "green" label. The label allows the **supplier** to claim the endorsement by the FSC for their standards of practice, certified by...of changes in technology. A property owner could buy an unstable alluvial parcel as nothing **more than** a commercial drain field to accommodate a rather smelly mobile asset with negative value once...
- ...with particularly hard rock could have asset value as a location to dissipate the **energy** from winter runoff. A site with available fill dirt (or for that matter a site...Why should they go looking to government when a proven resource manager is available with **incentive** to provide the best possible product at minimal cost? Doesn't the public want to...



...type of taking is an evil because it removes value from ecosystems and eliminates the **incentive** to invest in their health. What the "takers" argue is that the right to control...

...the cost of risks associated with operating validated processes. Seeking new ways to reduce or **offset** risks creates new products in resource asset management. Rendering asset ownership across property lines more...

...can begin to happen. Where the concept of fungible resource assets as processed really gains **power** and applicability to solving major environmental problems is when applied to the "tragedy of..."

...value of these processes, and how they might be combined into functional economic units that **offset** ecological risks. Second, the owners then combine their data to identify and consolidate operations of...to control the use and take that value, without paying for it. Civic agency exercises **power** through collective assent, for which civil approval is not a requirement. A civic **agent** is the only person an-ned with the police **power** of the state, the **power** to violate private property rights. Civic agency can **discount** the cost of land acquisition, in the interest of enlisting democratic support, by which to acquire control of the use. Once the value of that good is **discounted**, there is no longer any investment value in its development, nor is the process readily reversible. Once control of the factors of production is enforced by sufficient police **power**, there is no longer any value to the collective claim. Stated more elegantly: You can...transaction cost but the main reduction in overhead will be that of regulatory cost. Individual **sellers** would naturally differentiate their unique products with respect to local conditions. Some locations might be...

...The value of that product might rise once freshness is recognized as possibly having far **more** health benefit **than** does reducing pesticide content. This will be discussed in the section on pesticides and natural ...

...a great deal more money from operations, the mitigation and insurance costs might tend to **offset** that approach. A more gradual extraction method might yield less directly, but could alternatively provide a return by **offsetting** the more aggressive experiments of others. The market, in that respect, is self-correcting, as...

...that these costs and benefits are honestly measured and assessed, none of it can happen. **Discounted** futures can disperse the harvests according to a time-managed plan  
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by location and...

...can't do that without being subject to the temptations of corruption through the legal **power** to apply non-uniform treatment. Without financial consideration of what land assets provide, we are...the divorced opportunities associated with extortive preservation and the cost of habitat restoration and investments **offsetting** impacts elsewhere. In any assessment of market potential, the problems and threats to the health...

...the problems can be overwhelming and something that rightly should alter net worth, the net **discount** on a parcel could serve as an opening to those with the skills and perspective...occurring carcinogens in food, by weight, than of pesticides. Many naturally

occurring carcinogens are far **more** toxic **than** the artificial chemicals. These chemicals increase in concentration as food rests unconsumed after harvesting. Pesticides...

...should not be per-ferined. Research to establish ZEL on proven toxins should be conducted **more** aggressively **than** the studies of the limits of toxicity (the LD50) so that capital can be focused...checks and balances with contracts and remedies than does the policing fimction of government. Each **supplier** within the chain would hold each other liable for passing on, or accepting the residues...

...rapid change. If the improvements aren't performed in a manner preferred by the enforcing **agent** , the owner can face an expensive defense against outrageous fines, even if the specified actions...

...so "valuable" that it must be taken from its owner while they are unwilling to **compensate** the landowner for that value. Meanwhile, the State still issues fishing licenses for salmon when...buy the property or lose all its productivity. It would cost less to pay to **increase** the numbers **than** pay for all the lawsuits and lost production. How would we qualify the price? How...

...would yield income taxes in return. It is also likely that a market in risk **offsets** will replace civic **incentives** . If it is a good investment, there will be a source of capital to support...

...endangered species credits. Such credits could eventually function in a privately-funded market as risk **offsets** among Insured Certification enterprises. It would be mitigation, with hard, quantified economic value. Landowners can...

...data. Because it is a competitive

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market based upon objective data, it would be **less** corrupt **than** what is happening now. The EPA policy goes so far as to demand confiscation of ...

...to turn

over a vacant lot with a bulldozer!

Under Insured Certification, and with the **power** of creativity that it unleashes, we might even end up with a futures market in...Cruz quickly realized that a

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democratized commons of "clean water" was a way to **power** . They consequently produced a nitrate attaintrient standard with which nature alone could not comply. The...

...that are a hazard in an earthquake or landslide. There is usually no requirement for **electrical power** or other **utilities** . It is astounding that the State of California and County of Santa Cruz, could turn...

...system, the miracle of the marketplace starts to blossom. Septic contractors could put together a **utility** business to manage ...t be met by those earlier systems that they permitted? Would the County bureaucrats have **incentive** to redefine the specification, so that everybody has to come to them for an expensive...

...an additional 1 0% of the base cost of each system, but this is wildly **less than** is being assessed by the County for all the plan checking and oversight being done...

...in these matters has not developed into a common professional trade.  
 Perhaps those real estate **agents** might want to learn? A private system  
 will be, in all likelihood, cheaper to operate...

...not needed, or are inadvisable. This will end the legal hassles when the  
 real estate **agents** come under fire for houses that are sold in summer,  
 only to have their systems...

...construction of simpler systems to meet unique circumstances. When  
 people are free to demand guarantees, **manufacturers** will improve the  
 design, installation, and operation of their products. Consider, for  
 example, a fireproof...

...that septic State R&D department do have expertise that could be useful  
 to system **manufacturers** and **suppliers**. Most of the technology is  
 there: multichannel control systems, thermal flow switches, and solenoid  
 poppet...

20/3,K/17 (Item 15 from file: 349)

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00943630 \*\*Image available\*\*

# **NEGOTIATING PLATFORM**

## **PLATE-FORME DE NEGOCIATION**

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Patent and Priority Information (Country, Number, Date):

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Application: WO 2002US8293 20020320 (PCT/WO US02008293)

Priority Application: US 2001276952 20010320; US 2001279422 20010329; US  
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AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
 EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
 LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI  
 SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW  
 (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
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Fulltext Word Count: 91315

Main International Patent Class: G06F-017/60

Fulltext Availability:

Claims

Claim

... in Cso according to the highest possible grade (least penalty) it could achieve using the **seller** 's GP. For this grading we assume that any trailer we may want is available...

...below.

200

NO, 1 2 12 13

CSO Car 17 122 33 177

sku no.

**Seller** 's 25 28 ... 45 48

value

No, 1 2 @6- 27

TSO Trailer III 27 22 26

sku no,

**Seller** 's 5 1.2 ... 42 49

value

No. I 2 ... 2 1 22

CBO Car...

...value

201

Negotiation Stages - Introduction

Negotiation proceeds in 1-two suges. In stage I the **seller** operates with hypothetical items when offers are computed. However, when the **seller** presents an offer to the buyer, a concrete offer, based on actual catalog items, is...

...such a concrete set of items for such a concrete offer, In stage 2 the **seller** only operates with concrete items. This is done either by (1) duplicating intention 1, at...

...a combination that will meet its self-imposed requirements.

Negotiation Stage I

(1) Suppose the **seller** has to respond to the buyer' ...color and engine size are non-negotiable while price and warranty period are negotiable. The **seller** first -tries to generate a counter offer by operating an appropriate utility ("knowledgeable" when he...

...to provide all initial offier). (2) First, assume the buyer's GP is known. The **seller** produces a hypothetical offer x using the "knowledgeable" -utility with no additional restrictions. Denote the value for x to the **seller** as v and its value to the buyer's as w. Intersect the sets Cs, and CB I, where Cs, conWns all the cm in Cso whose values for the **seller** are not Next, consider the case in which the buyer's GP is not known...

...may need to work harder at finding a combination with the desired properties. Now, the **seller** needs to perfrm a sequential scanning of combinations of items from C, and Ti until...

cannot reenter the auction,  
To allow **agents** to bid in such an auction, where participants are not necessarily known in advance, these...

...for a bidder is going to be a Function of the history of the play.  
**Seller** - A strategy for the **seller** is to choose the value far r.  
Additionally, a **seller** need to specify the increments (percentage or fixed) by which the auction proceeds from round...

...who dropped out in the past and at what value.  
Multi-dimensional English Auction  
When **agents** have private values, the second price auction and the English auction, described subsequently, are equivalent...

...external data sources and other decision data). In case of disagreement, the winner and the **seller** need to further negotiate on this deal in a 1 fashion or offline,  
To...

20/3,K/18 (Item 16 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00923944 \*\*Image available\*\*

**SYSTEM AND METHOD FOR ASSOCIATION OF OBJECT SETS**  
**SYSTEME ET PROCEDE POUR L'ASSOCIATION D'ENSEMBLES D'OBJETS**

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Patent and Priority Information (Country, Number, Date):

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Application: WO 2002US1110 20020116 (PCT/WO US0201110)

Priority Application: US 2001262200 20010116; US 200251548 20020116

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AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI  
SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
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Main International Patent Class: G06F-017/60  
Fulltext Availability:  
Claims

Claim

... customer satisfaction and profit. For example, if a customer is shopping on-line using a **vendor** 's web site, she experiences personalization when the **vendor** 's web site only shows her content of shoes that she (or the segment in...

...of shoes. An equivalent off-line example would be that a customer walks into the **vendor** 's store and the store is automatically arranged in a manner such that everything she...It should also be noted that similar analogous techniques may be implemented on matrices having **greater than** two dimensions, such as data cubes and hypercubes, etc. Depending on the metric used to...

20/3,K/19 (Item 17 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00899532 \*\*Image available\*\*

**METHODS AND APPARATUS FOR FORMULATION, INITIAL PUBLIC OR PRIVATE OFFERING, AND SECONDARY MARKET TRADING OF RISK MANAGEMENT CONTRACTS**  
**PROCEDES ET SYSTEME POUR LA FORMULATION DE PREMIERES OFFRES PUBLIQUES OU PRIVEES ET LA NEGOCIATION DE MARCHE SECONDAIRE POUR DES CONTRATS DE GESTION DE RISQUES**

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Patent: WO 200233627 A2 20020425 (WO 0233627)

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LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL  
TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

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Publication Language: English

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Main International Patent Class: G06F-017/60  
Fulltext Availability:

## Claims

### Claim

... established brand, because the brand reassures coupon buyers of quality and fair play by the **producer** , Potential products include new - 41

books, wine, electronic goods, office supplies, and homes in new...

...is used

throughout this application:

The "Promoter," similar to the "Market Authority" is the official **agent** charged with the absolute authority and ability-subject to legal limitations-to issue, expire, terminate...

...t go can easily resell their coupons into the market at the fair, competitive market **price** . Simultaneously, tradable coupons

**reduce** risks faced by promoters by:

- 43 Allowing promoters to pre-sell tickets earlier since buyers...they would issue a new class of coupons, one for each city. If they hold **more** **than** one concert in a given city, then they will then issue a series of coupons...

...own series of coupons. Each coupon Example 4: Advance Purchase Order for a Christmas Toy

**Producers** and developers of new cars, Broadway plays, and condominiums must risk incurring huge up front...

...be within a web portal operated by a hedging service, or be part of the **producer** 's own web site, in which case the hedging service will be acting as a...

...an established brand. The brand reassures ASC buyers of quality and fair play by the **producer** . Such products include groceries, new books, wine, **electronic** goods, shoes, office supplies, designer dresses, and homes in new housing developments. In one aspect...

...which may operate a computer network system for selling and exchanging hedge instruments, would charge **manufacturers** and **producers** an up-front sales and distribution fee for providing a - 46 distribution channel for their ASCs. Optionally, the hedging service can levy a pertrade transactions fee on ASC buyers and **traders** . Selling tradable ASCs enables these **producers** to spread their demand risk with their potential customers. Also, the market demand for their ASCs provides probably the best information to the **producers** about actual market demand for their product. In return for being willing to assume some of the **producer** 's risk when a customer buys an ASC, customers get a slightly **lower price** for that new car, movie ticket, or condo than they would otherwise get by waiting. Selling tradable ASCs is also a way for **producers** to finance the production of their product. ASC financing may be superior to debt or...the consensus expectation for the product based on the best publicly available information. Note that **producers** can also use information in the market price of the ASC to determine if they...

...final product (e.g. hire a better leading lady for their movie). As a result, **producers** and consumers both benefit from ASCs. For example, retailers like Amazon or Walmart face much...

...my toy maker be able to make them fast enough on short notice? Will the **manufacturer** raise wholesale prices at the last minute? How much of this toy should they buy...

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00884000

METHOD AND SYSTEM FOR PAYMENT OF GOODS AND/OR SERVICES BY THE SPONSOR OF AN  
INTERPOSED COMMUNICATION ON BEHALF OF A CONSUMER  
PROCEDE ET SYSTEME DE PAIEMENT DE BIENS ET/OU DE SERVICES PAR LE PARRAIN  
D'UNE COMMUNICATION INTERPOSITION AN NOM D'UN CONSOMMATEUR

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Patent and Priority Information (Country, Number, Date):

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Parent Application/Grant:

Related by Continuation to: US 2001932714 20010817 (CIP)

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LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

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Fulltext Availability:

Claims

Claim

- ... have had no duty to notice advertising. In fact, consumers spend a certain amount of **energy** avoiding commercials. The advent of cable television and the VCR (and recently the personal digital...
- ...willing participant. Goldhaber, et al (U.S. Patent No. 5,794,210) offers "cyber coin" **compensation** for paying attention to online advertisements and the brokerage of attention. Specifically, CyberGold (owner of...
- ...money to be able to make a purchase and then only from their list of **providers** . CyberGold does offer to "cash out" their members' accounts to member's checking or Visa...
- ...websites. After accumulating points, consumers may redeem the points for goods and services at participating **vendors** . This is a three-step process, where 1) consumers must sign-up, 2) visit the...
- ...several days worth of clicking to get sufficient scrip for goods and/or



services.

Similar " **incentive** " businesses, like netcentives.com (Patent 5,774,870, Thomas W. Storey) and mypoints.com operated...to-peer networks. Copyright holders for this music, literature, art and information are not -being **compensated** , as no purchase mechanism is in place to allow payments. Credit card and debit card...

...attention to the sponsor's communication in exchange for goods and services. And third, a **vendor** , who can distribute goods and/or services to consumers in a "cashless" method that can...

...free.

In accordance with the preferred embodiments of the present invention, a consumer can receive **incentives** related to the purchase of goods and services after viewing, listening, and/or interacting with an interposed sponsor's communication that can be presented within a **vendor** 's internet site, telephone based business, videon demand network, in-store kiosk connected to a...

...a one-step "money-less" way for consumers to legitimately obtain goods and services or **discounts** on goods and services over a telecommunications network;

b) to provide a legitimate alternative to...

...of sales because the consumer's resistance to the interposed communication may prove to be **lower** than their resistance to spending cash.

#### BRIEF DESCRIPTION OF THE DRAWINGS

Figures 1a through 1g show...

...monetary value in accordance another alternative embodiment of the present invention.

Figure 4 shows a **vendor** /distributor maintaining documents and agreements

relating to the consumer and sponsor in accordance with one...

...5

Figures 8a through 8c show another alternative embodiment of the present invention wherein a **vendor** offers consumers the opportunity to sign up for an opt-in e-mail notification system wherein consumers will be told when interposed communications are available to enable purchases at **vendor** 's purchase point of transaction.

Figures 9a through 9b show a schematic diagram of a 1A shows a **vendor** 10 and a consumer 20 communicating by use of

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their respective computers ( **vendor** 's computer 12, consumer's computer 22) over a telecommunications network 50, comprising a plurality of computers with at least one **vendor** computer 12 and one consumer computer 22. **Vendor** 's website is preferably displayed in the consumer's Internet browser window 24. **Vendor** 's computer 12 may be physically located off-site from **vendor** 's place of business, hosted by a third party on third party's computer. Similarly...

...be a community computer available for public use at a public place.

FIG. 1A shows **vendor** 's welcome page that prompts for a consumer to begin

the selection of an item...

...may select for purchase. In this example, consumer selects Item 4. FIG.

1C shows the **vendor** offering two methods for payment: credit card or interposed communication. In this example, the consumer has selected the

interposed communication. Preferably, but not necessarily, the **vendor** has shown a money value for the item to be purchased. In this way the...

...the interposed communication, the interposed sponsor provides to consumer an interposed communication 34, transmitted through **vendor** 's computer 12 onto consumer's computer 22. It may be that with hyperlinking within the telecommunications network, and with HTNM coding within the **Vendor** 's computer 12 and the interposed sponsor's computer 32, that the interposed communication may.....

...sent directly from the interposed sponsor's computer to the consumer's computer, bypassing the **vendor** 's computer. The end result is identical: the consumer's browser screen is displaying the...

...It should be noted that any third party, including an advertisement agency, can be the **provider** of an interposed communication on behalf of the sponsor.

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In the above example, a...

...the interposed communication at any time and return to the payment options page of the **vendor** 's site is preferably available. The consumer's response, if any, is then preferably sent back to the interposed sponsor or its designated **agent** , either directly or through a third party. As these responses are in real time, the...

...does not complete watching or interact with the interposed communication, then the consumer forfeits any **incentives** . or rewards that were being offered by either the **vendor** or the interposed sponsor. FIG 1E shows a second query being posed to the consumer...

...information, and receive evidence that the consumer comprehends the content of the interposed communication. A **vendor** may regulate the number of queries or prompts a sponsor may place into their interposed...

...amounts of value. Specifically, more prompts equal greater value to the sponsor and greater purchasing **power** for the consumer. Of course, the sponsor could choose to have no queries placed in...

...the interposed communication, and the payment of money 36 from the interposed sponsor to the **vendor** preferably through a two-way communications means 52 allowing for this transference of value. The...

...this step is to show that preferably the sponsor - not the consumer - who has pays **vendor** for the goods and/or services. It may be that the sponsor prepays the **vendor** for many interposed communications, perhaps on **discount** , or that the payment occurs much later, depending on the financial terms agreed to by both **vendor** and interposed sponsor. Finally, FIG 1G shows that the consumer's obligation for payment is now complete. The **vendor** now sends the consumer the said selected item by a delivery

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system 54 which...sign-up profile may include creating a unique identity for said consumer so that the **vendor** can provide an accounting to the consumer of which interposed communications they've interacted with...

...to this consumer. Divulging this information directly to sponsors is preferably not done. However, a **vendor** might offer consumer valuable.,

consideration for the sale of their personal information. Thirdly, by signing...

- ...purchases when none would otherwise be available, or posing as a consumer, when really a **vendor**, to enact false purchases to gain illegitimate sponsor money. Consumer preferably provides **vendor** with a unique password 25, which will allow consumer future access to this herein described...
- ...log keeps track of which interposed communications the consumer has already seen. In Fig. 2E, **vendor** then queries available interposed sponsors 30"A", 30ccB)77 30"C". or 30"D" in...
- ...predetermined criteria the consumer most closely matches. Within various embodiments, it may be that the **vendor** is already in possession of the interposed sponsor's communications, and can best determine which...
- ...described in Id through If. Interposed sponsor's money 36 is preferably given to the **vendor** in the same manner(s) as described in If. Figures 3A through 3D show a...
- ...with another alternative embodiment of the presea, invention. Specifically, FIG 3A and 3B show a **vendor** 10 offering the consumer 20 something of monetary value (in this case a shipping cost of \$3.50) if consumer will view or interact with **vendor** 's interposed communication 35. It is important to note that the interposed communication need not come from an outside third party sponsor. In this embodiment, the **vendor** may see value in further selling to the consumer, and likewise, the consumer would rather not pay money for the shipping charges and is willing to see the **vendor** 's interposed communication 35. FIG 3B shows in this example that an additional item can...
- ...example, the consumer elects to add it to his/her order. FIG 3C shows that **vendor** has received the consumers request to add item 3 to the order, and further options...
- ...a delivery system 54, as outlined previously in FIG IG. FIG 4 shows that the **vendor** 10 preferably maintains two interactive documents (consumer use log 16, consumer sign-up profile 14...
- ...consumer 20, and two interactive documents (interposed sponsor use log 31, and interposed 10 sponsor- **vendor** agreement 33 describing fees paid to **vendor** by sponsor to exhibit sponsor's interposed communication, and all other contractual items deemed necessary...
- ...consumer 20 initiates a collect telephone call on telephone 26, which may be any telephone **appliance**, owned or unowned by said consumer, located anywhere. The telephone service **vendor** 13 preferably uses its computer 15 to prompt the consumer to select a payment type...
- ...enacting a purchase over a telephony system. Telephone ordering of goods and services from commercial **vendors**, alternatives to 900 number charges are but two additional embodiments. FIG 5B shows that after...
- ...the interposed sponsor 30 providing its communication 34 to the consumer via the telephone service **vendor** 13, in the same manner as previously described in FIG J.D. Consumer 20 may...

...the completion of the interposed communication, and the payment of money to the telephone service **vendor** in the same manner as previously described in FIG IF. Finally, Fig 5D shows the ...

...s call being completed to their called party 23, answering the phone using their telephone **appliance** 27. As a variation to the specific scenarios of Figures 5A-5D, consumers dialing 411...6A-6I) shows another alternative embodiment of the present invention wherein a video on-demand **vendor** 11 offers a consumer 20 the option of paying for a video rental by...

...telephony, internet, CATV, satellite, or other means of two-way communications. Further, a consumer convergence **appliance** 90, incorporating elements of a television and a computer including a means of inputting specific...

...shows the interposed sponsor 30 providing the interposed communication 34 to the video on-demand **vendor** 11 by way of a two-way communications path 52 which may be one...

...facsimile, person-to-person meetings, telecommunications network. consumer receives the communication on his screen from **vendor** over a two-way communications network 57 and interacts with the communication's prompts...

...consumer's screen and the interposed sponsor paying money 36 to the video on-demand **vendor** .  
Figures 7A through 7C show the supply and demand of available interposed communication and consumers...

...the text within FIG 8B, the profile included with the sign-up mechanism enables the **vendor** to route the interposed communications to those consumers matching the sponsor's criteria, in this...

...distribution of the interposed communication inventory, as the consumers 28 and 29 return to the **vendor** 's site 12 to enact purchases utilizing the interposed communications 37, 38 and 39...

...wherein an interposed communication distributor 80 receives consumer sign-up profiles 14 from various affiliate **vendors** 10 and then distributes interposed communications 37, 38, 39 to consumers 28, 29 as said consumers make purchases, from said **vendors** .  
Specifically, FIG 9A-1 through FIG 9A-3 shows consumers 28, 29 providing various affiliate **vendor** sites with completed sign-up profiles 14, which are transmitted over a telecommunications network 50...

...an interposed communication distributor 80. This distributor utilizes the large number of consumers and affiliate **vendor** sites to attract large numbers of advertisers wishing to reach many different market segments, without...

...interposed communications 37, 38 and 39 are distributed across the network 50 to various affiliate **vendors** 10 to their various consumers 28 and 29, based in this example on gender.  
FIGs...

...of the present invention wherein the consumer's computer can even be owned by the **vendor** , even located in the **vendor** 's physical store. Specifically, FIG 10A shows an

in-store kiosk computer terminal 70, with a walk-up consumer 20 wishing to enact a purchase with **vendor** 20. The walk-in consumer selects an item on the kiosk, with the **vendor** 's computer 12 making note of the item for inventory control and availability within the particular store the customer is in. The **vendor** 's computer may not be physically located in the store. Perhaps it is at a...

...10B shows consumer inputting sign-up profile data as explained in FIGS 2B through 2C. **Vendor** 10 selects ...1D through 1F. FIG 10D shows the interposed sponsor 30 paying money 36 to the **vendor** 10, as similarly explained in FIG 1f. Finally, FIG 10E shows **vendor** 10 handing the walk-in consumer 20 the goods or services 19 that the consumer...

...which is sent over a telecommunications network 50 (with a Secure Socket Location) to the **vendor** 's bank

60 which checks the data to see if the card is valid and...

20/3,K/21 (Item 19 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00881988 \*\*Image available\*\*

**SYSTEM AND METHOD FOR BUSINESS DECISION MAKING IMPLEMENTATION BY DECISION OPERATION TREES**

**SYSTEME ET PROCEDE DE MISE EN OEUVRE DE PRISE DE DECISION PROFESSIONNELLE PAR ARBRES OPERATIONNELS DE DECISION**

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Patent and Priority Information (Country, Number, Date):

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AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL  
TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

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Main International Patent Class: G06F-017/60

Fulltext Availability:  
Detailed Description

Detailed Description

... predetermined list of business parameters.

3

While the use of a second generation multi-dimensional **Rate** Table creates **more** flexibility and **power** than first generation Rate Tables, this method creates new drawbacks. The most profound one is...

...decision (economic) as opposed to business decision. In other words, business decisions that result in **more than** purely economic outcomes can not be presented in those methods. Some such potential uses for CC&B or OSS engines include: bonuses (monetary or not), **discounts**, loyalty credits, provisioning of external **devices** and activation or de-activation of services. In most cases this drawback leads to complex...

20/3,K/22 (Item 20 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00873187 \*\*Image available\*\*

**SYSTEMS AND PROCESSES FOR MEASURING, EVALUATING AND REPORTING AUDIENCE RESPONSE TO AUDIO, VIDEO, AND OTHER CONTENT**

**SYSTEMES ET PROCEDES PERMETTANT DE MESURER, D'EVALUER ET DE RENDRE COMPTE DE LA REACTION DU PUBLIC A UN CONTENU AUDIO, VIDEO OU AUTRE**

Patent Applicant/Assignee:

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Legal Representative:

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Peachtree Street, Atlanta, GA 30309-4530, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200207354 A2-A3 20020124 (WO 0207354)

Application: WO 2001US22905 20010719 (PCT/WO US0122905)

Priority Application: US 2000219277 20000719; US 2001766504 20010119

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL  
TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English  
Fulltext Word Count: 12485

Main International Patent Class: **G06F-017/60**  
Fulltext Availability:  
Detailed Description

Detailed Description

... and other opportunities to interact. Users who engage in these activities can accrue certain electronic **incentives** such as points. The **incentives** offered users by systems and processes of the present invention are preferably relative in value...

...time periods, amplifies excitement, participation and stickiness in many ways, including increased log-on periods, **increased** return **rates**, and **increased** and more comprehensive participation in the range of interactive options presented by the interface. All...

...listeners who click to hear an artist may be considered to have interest but generally **less** so **than** those who download an NT3 file for the artist.

Similarly, various forms of activity including...

**20/3,K/23** (Item 21 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT  
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00867354 \*\*Image available\*\*

**SYSTEM FOR CARD ACTIVITY-BASED MORTGAGE CREDITING**

**SYSTEME DE PRETS HYPOTHECAIRES DEPENDANT DES OPERATIONS DE CARTE DE CREDIT**

Patent Applicant/Inventor:

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WEBSTER Steven Earl, 269 Newfound Harbor Drive, Merrit Island, FL 32952, US, US (Residence), US (Nationality)

Legal Representative:

TRZYNA Peter K (agent), P.O. Box 7131, Chicago, IL 60680-7131, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200201479 A1 20020103 (WO 0201479)

Application: WO 2000US35341 20001222 (PCT/WO US0035341)

Priority Application: US 2000604696 20000626; US 2000669196 20000925

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE  
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LT LU  
LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR  
TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 23099

Main International Patent Class: **G06F-019/00**  
Fulltext Availability:

credit, is usually **lower** than the  
5 normal interest rates charged on unsecured  
credit cards. It is possible that because...

...plan for college expenses. The  
shortcomings of this service are that the recommendations may yield **less**  
**than** desired results because certain investments do not guarantee  
returns. 0 Another is that this is...and borrowing. U.S. Patent  
No.5,745,706 (Wolfberg) is a system and related **equipment** for spending  
and investment account management. U.S. Patent No.5,991,736 (Ferguson)  
provides a patronage **incentive** award system incorporating retirement  
accounts and method thereof. Pays into the consumer's retirement account.  
U.S. Patent No.4,750,119 (Cohen) discusses a purchasing system with  
**rebate** feature ... the base patent for rebates from transactions. Also  
allows for a guarantee of future...

...Patent No. 5,202,826 (McCarthy) establishes a centralized cash value  
accumulation system for multiple **merchants** in which there is an  
accumulating of cash value based on transactions for cash rebates...

...reduce mortgage principle. It is a further object of the present  
invention to provide an **electronic** file of the mortgage for easier f  
inancing for the future. It is still a further object of the present  
invention to provide an **electronic** file of the mortgage for easier and  
more efficient solicitation of mortgages, insurance, title...

...related businesses. It is yet a further object of the present invention  
to provide an **electronic** file of the mortgage for easier trading of  
mortgages. It is an additional object of the present invention to  
provide an **electronic** file of the mortgage for easier information  
access for the consumer. It is yet an...the 30 specification as a whole,  
are carried out by providing an improved digital **electrical**  
computer-based  
system configured to address the foregoing objects, including a

machine (programmed computer),  
methods...

20/3,K/24 (Item 22 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00857319 \*\*Image available\*\*

**SYSTEM AND METHOD FOR PRODUCTION AND AUTHENTICATION OF ORIGINAL DOCUMENTS  
SYSTEME ET PROCEDURE DE PRODUCTION ET D'AUTHENTIFICATION DE DOCUMENTS  
ORIGINAUX**

Patent Applicant/Assignee:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200191007 A1 20011129 (WO 0191007)

Application: WO 2001US16603 20010522 (PCT/WO US0116603)

Priority Application: US 2000577533 20000524

Designated States:



(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CO CU CZ DE DK EC EE ES FI GB  
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD  
MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ  
VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 28904

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... number of characteristics may be desirable for the authentication device.

(1) small size, for example **less than** 0.05 cubic meter, preferably **less than** 0.003 cubic meter; (2) low **power** consumption, for example **less than** about 10 Watts average, **more preferably less than** about 0.2 Watt quiescent, 5 Watts peak **power** draw from a **power** supply; (3) physical security against disassembly and reverse engineering; (4) **electronic** security against reverse engineering or code readout; (5) operational security against repeated attempts to verify...

...operational; (7) audit trail capability, to track users and particular usage; (8) adaptive capabilities to **compensate** for changes over time, such as dirt, defective pixels, wear, etc.; (9) non-predictable authentication...

20/3,K/25 (Item 23 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00853835

**TECHNIQUES FOR INVESTING IN PROXY ASSETS**

**TECHNIQUES D'INVESTISSEMENT DANS LES ACTIFS DE SUBSTITUTION**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200186569 A1 20011115 (WO 0186569)

Application: WO 2001US40708 20010509 (PCT/WO US0140708)

Priority Application: US 2000567901 20000510

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE  
GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK  
MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU  
ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 22963

Main International Patent Class: G06F-017/60

International Patent Class: G06F-017/00 ...

Fulltext Availability:

Claims

Claim

... Amount in Own Account Per Share)

if positive and if amount in own account is **less than** the combined  
value in the two accounts

= 0 if Account is Negative

=  $r \times$  (Combined Amount in the Two Accounts) if amount in own account  
is **greater than** the combined value

where  $r$  is a payout rate defined by the proxy asset system...

...long-tenn real

17

interest rate on money market accounts. (It must of course be **less than** 1 00% so that the dividend payout is always feasible, but presumably it will be much less. Preferably, it is **less than** the actual growth of the resources pool.) In another version, the rates  $r$  are predetennined...

...to its shareholders. In this case, the up proxy asset's cash account would have **more than** the total cash in the two accounts, in which case the dividend paid for the...horizontal hedging), Adjusting the exposure to their own city can be a usefal. portfolio management **device** because many investors are not overinvested in real estate per se but are overexposed to...

...system per share, denoted  $V_t/St$ , above. In this example the swap proxy assets are **more leveraged than** in the

19

previous up/down exaraple, in that the indices are multiplied by two...

...of the up proxy asset of the previous example, but the assets will have the **offsetting** advantage that they offer effective means of diversifying risk. One way of defining the complete...

...to find opportunities to issue, redeem, and allow trading of proxy assets, a process much **more complicated than** was the case with the up/down proxy assets. For example, setting the average account...

...be executed. Thus the match shown on the hypothetical window above would not persist for **more than** an instant. To execute these orders, there is no need for issuance or redemption. The...amounts already there. Once again, these orders would not persist on the book window for **more than** an instant. Note that in interfacing with an **electronic** trading system, such as the Globex or other system, embodiments of the invention

include some modifications in the **electronic** trading system. For one example, **traders** would benefit from an embodiment which maintains **more than** one book window on the screen at a time, because of the interaction of orders within complete sets. For another example, **traders** who have asked the trading system to alert them when the price has hit a ...

...as time goes on. This multi-asset pooling proxy asset security will tend to be **less** volatile **lo than** the one defined ...locations, but in communication with the system. It is expected that the bank, the index **provider** (s) and the brokers handling trades with individuals, as well as possibly the investing individuals...

...proprietor. The actual hardware configuration used is not particularly critical, as long as the processing **power** is adequate in terms of memory, accounts, periods of updating indexed values, the number of...

...a main memory 906, such as a random access memory (RAM) or other dynamic storage **device**, coupled to bus 902 for storing information and instructions to be executed by processor 904...

...Computer system 900 further includes a read only memory (ROM) 908 or other static storage **device** coupled to bus 902 for storing static information and instructions for processor 904. A storage **device** 910, such as a magnetic disk or optical disk, is provided and coupled to...as a cathode ray tube (CRT), for displaying information to a computer user. An input **device** 914, including alphanumeric and other keys, is coupled to bus 902 for communicating information and command selections to processor 904. Another type of user input **device** is cursor control 916, such as a mouse, a trackball, or cursor direction keys for...

...command selections to processor 904 and for controlling cursor movement on display 912. This input **device** typically has two degrees of freedom in two axes, a first axis (e.g., x) and a second axis (e.g., y), that allows the **device** to specify positions in a plane. The invention is related to the use of computer...

...may be read into main memory 906 from another computer-readable medium, such as storage **device** 910. Execution of the sequences of instructions contained in main memory 906 causes processor 904...

...25  
media. Non-volatile media includes, for example, optical or magnetic disks, such as storage **device** 910. Volatile media includes dynamic memory, such as main memory 906. Transmission media includes coaxial...

...the instructions. The instructions received by main memory 906 may optionally be stored on storage **device** 910 either before or after execution by processor 904. Computer system 900 also...

...links may also be implemented. In any such implementation, communication interface 918 sends and receives **electrical**, electromagnetic or optical signals that carry digital data streams representing various types of information. Network link 920 typically provides data communication through one or more networks to other data **devices**. For example, network link 920 provides a connection through local network 922 to a host computer 924 or to data **equipment**

operated by an Internet Service Provider (ISP) 926. ISP 926 in turn provides data communication...

20/3,K/26 (Item 24 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00845280

**GROUP BUYING METHOD AND APPARATUS**  
**PROCEDE ET APPAREIL D'ACHAT GROUPE**

Patent Applicant/Assignee:

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Inventor(s):

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200177958 A2 20011018 (WO 0177958)

Application: WO 2001US11190 20010406 (PCT/WO US0111190)

Priority Application: US 2000194886 20000406; US 2000661554 20000914

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS  
LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 8959

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... quantity of a product or a service. A group of ten usually can get a  
**lower price** in buying the same product or service than an individual,  
or a group of only...

...members. A large group offering a bulk transaction rather than a  
piecemeal purchase gives the **suppliers** an **incentive** to offer  
**discounts**. Accordingly, some on-line systems provide services that  
support the group purchase of products, such...

...Mercata.com and Accompany.com. The consumers can get the benefit of  
increased group buying **power** by joining a known buying group. However,  
in the current group buying scenarios, a buyer can only elect to join a  
buying group for specific, single attribute products such as **electronics**  
, **power** tools, or household accessories. These service **providers** do  
not support multiple, buyer-defined attributes to serve as conditions for  
group membership, For...

...of buyer groups based on the buyer-defined conditions. None of these  
systems allows the **suppliers** to monitor an evolving group demand, such

as the size and the requests of a group, or to detect a group size that triggers a group **discount** . Therefore, the traditional approaches do not provide I 0 the capability of forming a group...

20/3,K/27 (Item 25 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00826119 \*\*Image available\*\*

**DATA PROCESSING SYSTEM FOR CONDUCTING A MODIFIED ON-LINE AUCTION**  
**SYSTEME DE TRAITEMENT DE DONNEES UTILE POUR REALISER UNE VENTE AUX ENCHERES**  
**EN-LIGNE MODIFIEE**

Patent Applicant/Assignee:

VANBERG & DEWULF, 52 Pioneer Street, Cooperstown, NY 13326, US, US  
(Residence), US (Nationality)

Inventor(s):

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Legal Representative:

MAGEN Burt (agent), Vierra Magen Marcus Harmon & Deniro LLP, Suite 540,  
685 Market Street, San Francisco, CA 94105-4206, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200159658 A1 20010816 (WO 0159658)

Application: WO 2001US3935 20010207 (PCT/WO US0103935)

Priority Application: US 2000180947 20000208; US 2000545562 20000407

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE  
ES FI GB GD GE GH GM HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU  
LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR  
TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 17355

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Claims

Claim

... 74

Fig. 2 item summary 76

description 1--@L78

pointer to image 1@80

j **seller** info J-@82

70

bidpurchaselD

bidder2lpD

1 64

Figm 4 auction ID @ 1 66

amount...

...54

Jbid pur@chase @ID @@146 bid

138 148

receive information @@202 Figm 6

SUMMARY OF THE...

- ...total proceeds from selling the rights to bid on the item become equal to or **greater than** the minimum value for the item, an auction is performed for the item. In one...
- ...value of the item is set to the market value of the item, then the **seller** has received fair value before the auction begins. The additional proceeds from the auction provide the **seller** with proceeds above the market value. Meanwhile, the buyer paid a price below the market...
- ...invention 15 allows the interests of many consumers to be aggregated in order to **reduce** the sale **price** of an item. One embodiment of the present invention includes storing a minimum price for...
- ...various alternatives, different means are used to limit the auction so that the final sale **price** of the auction is **lower than** the market **price** of the item. For example, the bid increment can be restricted to a low number...
- ...hard disk drives, CD-ROMs, optical disks, floppy disks, RAM, ROM or other suitable storage **devices**. In alternative embodiments, some or all of the software can be replaced by dedicated hardware. Figure 7 is a flow chart depicting a method for receiving information from a **seller**. Figure 8 is a flow chart depicting a process for interfacing with a user. Figure...
- ...to network 12. A computer system can include one computer or multiple computers (or other **devices**), and can include multiple computers in different locations operating as a system. Network 12 can...
- ...total proceeds from selling the rights to bid on the item become equal to or **greater than** the minimum value for the item, an auction is performed for the item. In one...
- ...20 and application server 22 include one or more processors, memory, a disk drive, input **devices**, output **devices**, network interfaces (e.g. modem, router, Ethernet card, etc.), and other peripherals, etc. In one...

20/3,K/28 (Item 26 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00818657 \*\*Image available\*\*

**METHOD AND SYSTEM FOR MANAGING SALES OPERATIONS**

**PROCEDE ET SYSTEME DE GESTION D'OPERATIONS DE VENTE**

Patent Applicant/Assignee:

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US, US (Residence), US (Nationality)

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LEGGETT Tom Sr, P.O. Box 59, South Boston, VA 24592, US,

Legal Representative:

WELLS William K (et al) (agent), Kenyon & Kenyon, Suite 700, 1500 K

Street, N.W., Washington, DC 20005, US,  
Patent and Priority Information (Country, Number, Date):  
Patent: WO 200152164 A1 20010719 (WO 0152164)  
Application: WO 2001US427 20010108 (PCT/WO US0100427)  
Priority Application: US 2000478815 20000107; US 2000510308 20000222; US  
2000191115 20000322; US 2000560805 20000428; US 2000569025 20000511; US  
2000589176 20000608; US 2000215767 20000630; US 2000693832 20001023; US  
2000693843 20001023; US 2000693849 20001023

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES  
FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU  
LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR  
TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 20972

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... the items that have the greatest merchandise drawing power, e.g., the  
ones that if **discounted** for ...wants and new product mixes, basing  
merchandise drawing power on this information could lead to **less than**  
optimal results.

In recognition of the potential for changes in consumer preferences and  
the problems...

20/3,K/29 (Item 27 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00816815 \*\*Image available\*\*

**METHODS AND APPARATUS FOR RAPID DEPLOYMENT OF A VALUATION SYSTEM**

**PROCEDES ET DISPOSITIF POUR LE DEPLOIEMENT RAPIDE D'UN SYSTEME D'EVALUATION**

Patent Applicant/Assignee:

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JOHNSON Christopher D, 17 Berkshire Drive W., Clifton Park, NY 12065, US,

Legal Representative:

BENINATI John F (et al) (agent), General Electric Company, 3135 Easton

Turnpike W3C, Fairfield, CT 06431, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200150348 A2 20010712 (WO 0150348)

Application: WO 2000US34916 20001221 (PCT/WO US0034916)

Priority Application: US 99173695 19991230; US 2000741211 20001219

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN  
MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 14611

Main International Patent Class: G06F-017/60

Fulltext Availability:

Claims

Claim

... asset table 144 for all assets is placed into database 76 in a digital storage **device**, such as the hard disk storage 178 of computer 38, and correlations are made by...

...valued and priced separately in a particular time frame. In known process 10, if a **seller** of assets regroups the assets, for example from groupings by asset company to groupings by...

...and selectable by the analysts conducting the evaluation and is further described below. If the **seller** groups the assets, then grouping according to **seller** groups or tranches is easily made and an appropriate valuation 146 developed for that tranche...underwriter. In an exemplary embodiment, a minimum of 4 bins should be utilized when the **discount** factor is **more than** 25%. For a **discount** factor between 10 and 25, a minimum of 6 bins should be used to cover...

...variance is not used as a stop point if the potential unit of sale is **less than** the entire portfolio. In accordance with procedure 40, recovery valuation of the cluster sampling is...major asset classes such as for example, without limitation, real-estate residential loan or! commercial **equipment** loan. The coefficients can be globally applicable, such as by way of example without limitation...s net present value ("NPV") to be above 0 is assessed using the project's **discount** rate. A **discount** rate is determined from the opportunity cost of capital, plus FX swap cost, plus risks...

...inherent in the variances of forecasted cash flow recovery. If it appears that there is **more than** a five-percent certainty that the project will have a negative NPV, no bid is...

...variance in the payback by tranche, and NPV of the expected cash flow by tranche **discounted** to risk free rate.  
In competitive bid circumstances when the content of asset portfolios is not negotiable, the investor or **seller** has a strong financial **incentive** to select only the portions of total assets available for transaction that will give their...

...by stochastic optimization.

Using NPV can be misleading due to the effects associated with double **discounting** which will occur when pessimistic case scenarios are **discounted** to obtain PV. Using time to profit is used to overcome this limitation and the marginal capital cost or risk free rate is used in the



**discounting** as determined by analysts conducting the evaluation.  
Supervised learning process 206 of inferred valuation procedure...  
identifies the asset relevant variables deemed critical by credit review  
or with the most discriminate **power** in separating various asset groups.  
A hierarchical segmentation module 234 segments the entire portfolio of  
...

20/3,K/30 (Item 28 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00807452 \*\*Image available\*\*

**METHODS, SYSTEMS, AND APPARATUSES FOR SECURE INTERACTIONS**

**PROCEDES, SYSTEMES ET APPAREILS POUR INTERACTIONS SECURISEES**

Patent Applicant/Inventor:

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(Residence), US (Nationality)

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22904-4743, US, US (Residence), US (Nationality)

PETKA David, -, US, US (Residence), US (Nationality)

SINGER Bart A, 132 Hunter Lane, Williamsburg, VA 23185, US, US

(Residence), US (Nationality)

Legal Representative:

RUSSELL David (commercial rep.), c/o Transforming Technologies, 500

Russell Street, Portsmouth, VA 23707, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200141032 A1 20010607 (WO 0141032)

Application: WO 2000US42323 20001129 (PCT/WO US0042323)

Priority Application: US 99168082 19991130

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AT AU BR BZ CA CH CN CU DE DK ES FI GB IL IN JP KR MA MX NO RU SE SG

UA US

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

Publication Language: English

Filing Language: English

Fulltext Word Count: 31954

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... information processor

310 processor of the information processor

320 information transmitter

330 information receiver

340 **vendor** connection

350 financial intermediary connection

360 certification repository connection

400 verification processor

410 processor of...

...inventory system

660 simulated inventory controller

670 simulated inventory display

710 steps in determining prescribed **discount** and prescribed personal  
data fields

712 step of specifying customer benefit function

714 step of...

...normalization value  
 720 step of maximizing a function subject to constraints  
 722 step of specifying **discounter** benefit function  
 724 step of specifying **discounter** non-negotiable constraints  
 726 step of specifying **discounter** benefit function normalization value  
 2 1  
 step of receiving values for prescribed personal data fields...

...that the value of a personal data field corresponds to the  
 customer  
 750 step of **reducing** the **price** by the prescribed **discount**  
 810 step of receiving payer payment information  
 820 step of confirming the PID control designation...

...account  
 1010 step of selecting items for purchase  
 1020 step of adding selected items to **electronic** shopping cart  
 1 5 1030 step of determining the payment amount  
 1040 step of authenticating...

...data from the PID to the information processor  
 1060 step of transferring data from the **vendor** to the information  
 processor  
 1070 step of forming a **vendor** payment packet  
 1080 step of sending the **vendor** payment packet to the **vendor**  
 financial  
 intermediary  
 1090 step of sending the **vendor** payment packet to the customer  
 financial  
 intermediary  
 1100 step of debiting the customer account  
 1110 step of crediting the **vendor** account  
 1210 step of selecting items for purchase  
 1220 step of adding selected items to **electronic** shopping cart  
 1230 step of determining the payment amount  
 1240 step of authenticating the customer...

...approved  
 1310 step of selecting items for purchase  
 1320 step of adding selected items to **electronic** shopping cart  
 1330 step of determining the payment amount  
 1340 step of authenticating the customer...

20/3,K/31 (Item 29 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00799892 \*\*Image available\*\*

**CUSTOMER DEMAND-INITIATED SYSTEM AND METHOD FOR ON-LINE INFORMATION  
 RETRIEVAL, INTERACTIVE NEGOTIATION, PROCUREMENT, AND EXCHANGE  
 SYSTEME LANCE SUR DEMANDE DU CLIENT ET PROCEDE POUR LA RECHERCHE  
 D'INFORMATIONS EN LIGNE, LA NEGOTIATION INTERACTIVE, L'ACQUISITION, ET  
 L'ECHANGE**

Patent Applicant/Inventor:

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 (Residence), US (Nationality)

Legal Representative:

BEVERLY Brian (agent), Suite 2360, One Kaiser Plaza, Oakland, CA 94612,  
 US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200133464 A1 20010510 (WO 0133464)  
Application: WO 2000US30249 20001101 (PCT/WO US0030249)  
Priority Application: US 99162932 19991101  
Designated States:  
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE  
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English  
Filing Language: English  
Fulltext Word Count: 34629

Main International Patent Class: G06F-017/60  
Fulltext Availability:  
Claims

#### Claim

... to sell said  
selected item,  
program code for obtaining at least one bid from a **vendor** to sell said  
selected item,  
97  
and  
program code for submitting said bid to said...  
...that communicates over a network, the method comprising providing  
information on a collection of items and **vendors** to a purchaser,  
receiving a purchaser's selection of two or more **vendors** ,  
receiving a set of customer-defined attributes from said purchaser,  
presenting said customer-defined attributes to said two or more selected  
**vendors** ,  
receiving bids from at least two of said **vendors** ,  
delivering said bids to said purchaser, and  
processing a negotiation between said purchaser and said **vendors** . 312.  
The method of claim 311 wherein I I said bid comprises an option for said  
**vendor** to sell said selected item to another purchaser for a price  
higher than stated in...  
...sale of said selected item to said purchaser shall be consummated, that  
before said expiration **seller** may sell said selected item to another  
purchaser for a price higher than stated in said bid, and that if said  
selected item is sold to said another purchaser, said **vendor** shall pay  
a penalty sum to said purchaser.  
'314. The method of claim 1 3...  
...more network interfaces adapted to send and receive data to and from  
purchaser nodes and **vendor** nodes on a network,  
wherein at least one of the processors and memory devices make available  
to a purchaser node information about a collection of items and **vendors**  
to a purchaser, and wherein when the system receives a selection of two  
or more **vendors** and a set of purchaserdefined attributes from said  
purchaser node, the processor presents the purchaser-defined attributes  
to **vendor** nodes for the two or more selected **vendors** , and wherein  
when the I I system receives bids from at least two **vendor** nodes, the  
processor presents the bids to the

unsuccessful transactions, and **vendor** feedback.

360. The method of claim 198 including:

sending to said plurality of **vendors** accountability information about said purchaser, said accountability information comprising a number of experiences the customer...

...of experiences the customer has had with tile system that resulted in unsuccessful transactions, and **vendor** feedback.

361. The method of claim 242 including:

sending to said plurality of **vendors** accountability information about said purchaser, .3 said accountability information comprising a number of experiences the...

...of experiences the customer has had with the system that resulted in unsuccessful transactions, and **vendor** feedback. 362. The method of claim 265 including: sending to said plurality of **vendors** accountability information about said purchaser, said accountability information comprising a number of experiences the customer...

...experiences the customer has had with the system that .6 resulted in unsuccessful transactions, and **vendor** feedback.

363. The method of claim 268 including:

sending to said plurality of **vendors** accountability information about said purchaser, said accountability information comprising a number of experiences the customer...

...of experiences the customer has had with the system that resulted in unsuccessful transactions, and **vendor** feedback.

107

364. The method of claim 268 including:

sending to purchasers accountability information about each of said plurality of **sellers**, said accountability information comprising a number of experiences each said **seller** has had with the system, a number of experiences said **seller** has had with the system that resulted in successful transactions, a number of experiences said **seller** has had with the system that resulted in unsuccessful transactions, and purchaser feedback.

20/3,K/32 (Item 30 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00794336 \*\*Image available\*\*

**INTEGRATED COMMERCE ENVIRONMENT (ICE) - A METHOD OF INTEGRATING OFFLINE AND ONLINE BUSINESS**

**ENVIRONNEMENT DE COMMERCE INTEGRE (ICE) UN PROCEDE D'INTEGRATION D'ENTREPRISE HORS LIGNE ET EN LIGNE**

Patent Applicant/Inventor:

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Legal Representative:

WESOLOWSKI Carl R (agent), Fleshner & Kim, LLP, P.O. Box 221200,  
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Patent and Priority Information (Country, Number, Date):

Patent: WO 200127838 A1 20010419 (WO 0127838)

Application: WO 2000US28068 20001012 (PCT/WO US0028068)

Priority Application: US 99158381 19991012

Designated States:

(Protection type is "patent" unless otherwise stated - for applications

prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM EE ES  
FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU  
LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR  
TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 60287

Main International Patent Class: G06F-017/60

Fulltext Availability:

Claims

Claim

- ... a means of selling products and services, and offers information of interest to consumers. The **merchant** can receive a sales commission from this service. If the Web Store visitor becomes a...
- ...using a password. Thereafter, the customer may check account information, including delivery schedules, service consumed, **incentive** points accumulated, and so on. The personal account page will become increasingly personalized as the customer indicates more and more preferences over time. Retail **merchants** benefit because PUMP is easy to work with. In addition, a Sales And Marketing Information...
- ...and sales of PUMP service to business people in a way that is easier and **less** stressful **than** dealing with a sales person. In addition, a human service representative is only a phone...
- ...service, and window configuration on the Web Store to use. PUMP is beneficial to retail **merchants** because it increases the worth of a ' business three ways. First, it the wallet share...the door. PUMP will benefit Fulfillment Houses because after the initial investment of time and **energy** necessary to populate the PUMP Fulfillment House Database with product specifications and information, there is...
- ...obber), with characteristic parameters that can be input into SAMIS, will profit by using PUMP. **Vendors** are delighted from the benefit of primary research data, information and intelligence on their key...
- ...to identify and deliver pre-qualified customers that have a high likelihood of purchasing the **vendor** 's product. This reduces and often almost eliminates the **vendor** 's sales expense, especially if the **vendor** makes use of PUMP as a sales medium. Finally, PUMP provides an efficient Informediary business tool that operates between **manufacturers** , wholesalers, retailers, and end consumers because, by using appropriate profile standards that efficiently communicate preferences from potential customer to potential **seller** , marketers have a higher chance of selling products and services at a lower cost. Because...
- ...Integrated Commerce Environment (ICE) is another embodiment of the invention. ICE creates an even better **incentive** for customers to act on in-store promotions by ...owned and managed by the ICE operator, herein called ICEOP, or by third parties. An **incentive** given to retail stores can be to allow free or bargain price advertising in a...

...the springboard that allows the efficient and profitable construction and building of business-to-business **electronic** marketplaces. It provides Business-To-Business (B2B) ecommerce markets with the retail stores that 'serve at the bottom of supply chains as buyers to become a magnet attracting **sellers** (i.e., the **suppliers** ) into the **electronic** market.

A typical scenario using ICE begins, in an exemplary-embodiment, when a customer goes...

20/3,K/33 (Item 31 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

00787038 \*\*Image available\*\*  
SYSTEM AND METHOD FOR PROCESSING TOKENLESS BIOMETRIC ELECTRONIC  
TRANSMISSIONS USING AN ELECTRONIC RULE MODULE CLEARINGHOUSE  
SYSTEME ET PROCEDE PERMETTANT DE TRAITER DES TRANSMISSIONS ELECTRONIQUES  
BIOMETRIQUES SANS AUTHENTIFICATION PAR L'UTILISATION D'UN CENTRE DE  
MODULES DE REGLEMENT ELECTRONIQUES

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LAPSLEY Philip Dean, 6029 Hillegass Avenue, Oakland, CA 94618, US,

Legal Representative:

JOHNSON Alexander C Jr (et al) (agent), Marger Johnson & McCollom, P.C.,  
1030 S.W. Morrison Street, Portland, OR 97205, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200120531 A1 20010322 (WO 0120531)  
Application: WO 2000US40910 20000915 (PCT/WO US0040910)  
Priority Application: US 99398914 19990916

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE  
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 21206

Main International Patent Class: G06F-017/60

Fulltext Availability:

Claims

Claim

... vacation or such that an advertisement for new coffee flavors from the user's preferred **vendor** is presented during the user's morning log-on session; displaying the user's customized...

...subordinated user is prohibited from purchasing cigarettes, is limited in their selection of on-line **merchants** , is limited in the amount of on-line

DIALOG(R)File 349:PCT FULLTEXT  
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00784184      \*\*Image available\*\*

A    **SYSTEM, METHOD FOR FIXED FORMAT STREAM COMMUNICATION IN A COMMUNICATION SERVICES PATTERNS ENVIRONMENT**

**SYSTEME, PROCEDE ET ARTICLE POUR FLUX DE FORMAT FIXE DANS UN ENVIRONNEMENT A CONFIGURATIONS DE SERVICES DE COMMUNICATION**

Patent Applicant/Assignee:

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Inventor(s):

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, US,

Legal Representative:

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Palo Alto, CA 94303-0746, US,

Patent and Priority Information (Country, Number, Date):

Patent:                      WO 200117194 A2-A3 20010308 (WO 0117194)

Application:                WO 2000US24114 20000831 (PCT/WO US0024114)

Priority Application: US 99386430 19990831

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DZ EE ES  
FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA  
MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA  
UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 149954

International Patent Class: **G06F-017/22** ...

Fulltext Availability:

Claims

Claim

... is not secure enough for banking applications or anywhere where there may be a financial **incentive** for someone to steal someone's account information. Basic authentication is however the easiest mechanism...that are not configured for prioritization (e.g., network components run by third party network **providers** ).

Network Media Services 2416

The Network Media layer provides the following capabilities:

Final framing of...grouped as a single, logical unit of work. In small to moderate scale environments of **less than** 150 simultaneous users on a single server, this service may be provided by the DBMS...

...managers provide sharing of server processes across a large community of users and can be **more efficient than** the DBMSs. Figure 26 illustrates several of the components of the Transaction areas of the...

...in conjunction with Information Access and Communication Services provide for load balancing across processors or **machines** and location transparency for distributed transaction processing.

Implementation considerations

Does the system access nonrelational data...

20/3,K/35 (Item 33 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00784119

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A REFRESHABLE PROXY POOL IN  
A COMMUNICATION ENVIRONMENT  
SYSTEME, PROCEDE ET ARTICLE POUR GROUPE D'ELEMENTS MANDATAIRES (PROXY)  
RAFFRAICHISSABLES DANS UN ENVIRONNEMENT A CONFIGURATIONS DE SERVICES DE  
COMMUNICATION

Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US  
(Residence), US (Nationality)

Inventor(s):

BOWMAN-AMUAH Michel K, 6426 Peak Vista Circle, Colorado Springs, CO 80918  
, US,

Legal Representative:

HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly LLP, 1400 Page Mill  
Road, Palo Alto, CA 94304, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200116668 A2-A3 20010308 (WO 0116668)

Application: WO 2000US24113 20000831 (PCT/WO US0024113)

Priority Application: US 99386239 19990831

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES  
FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA  
MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ  
UA UG UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 149976

Main International Patent Class: G06F-009/46

Fulltext Availability:

Claims

Claim

... is not secure enough for banking applications or anywhere where there  
may be a financial **incentive** for someone to steal someone's account  
information. Basic authentication is however the 1 0...is the use of  
prioritized circuits within Frame Relay, in which the Frame Relay network  
**vendor** assigns different priorities to different permanent virtual  
circuits. Prioritization techniques are of limited effectiveness if...

...that are not configured for prioritization (e.g., network components run  
by third party network **providers** ).

Network Media Services 2416

The Network Media layer provides the following capabilities:

Final framing of...grouped as a single, logical unit of work. In small to  
moderate scale environments of **less than** 150 simultaneous users on a  
single server, this service may be provided by the DBMS...



...managers provide sharing of server processes across a large community of users and can be **more** efficient **than** the DBMSs. Figure 26 illustrates several of the components of the Transaction areas of the...

...conjunction with Infort-nation Access and Communication Services provide for load balancing across processors or **machines** and location transparency for distributed transaction processing.  
Implementation considerations  
Does the system access nonrelational data...

20/3,K/36 (Item 34 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

00777944 \*\*Image available\*\*

**WEB BASED REFERRALS WITH REWARD INCENTIVE**

**RENOIS DE PRESENTATION ACCESSIBLES SUR INTERNET COMPORTANT UNE INCITATION A LA RECOMPENSE**

Patent Applicant/Assignee:

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Patent Applicant/Inventor:

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(Residence), US (Nationality), (Designated only for: US )

KLECKNER James E, 1855 Cowper, Palo Alto, CA 94301, US, US (Residence),  
US (Nationality), (Designated only for: US )

Legal Representative:

HAVERSTOCK Thomas B, Haverstock & Owens LLP, Suite 420, 260 Sheridan Avenue, Palo Alto, CA 94306, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200111472 A1 20010215 (WO 0111472)

Application: WO 2000US21798 20000809 (PCT/WO US0021798)

Priority Application: US 99147964 19990809; US 2000635994 20000809

Designated States:

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AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB  
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA  
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA  
UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 17137

International Patent Class: G06F-017/60 ...

Fulltext Availability:

Detailed Description

Detailed Description

... methods deemed to enhance consumer interest and public opinion in the coupon referral system.

The **incentives** offered to referring parties may either be in the form of cash, or in the...

...harvests the good will of trusted friends and acquaintances, there are drawbacks in a cash **incentive** for referrals. The referring party may appear to have a conflict of interest. That is, when a cash **incentive** is offered for referrals resulting in a transaction, a party contemplating a transaction may perceive...

...from good-will. Although a soft reward may have an intrinsic value equal to or **greater than** a cash reward, it may be preferable to ...driving motive for the referral. 15 One way of resolving the dilemma of "soft **incentives**" is to offer divisible **incentives** such as a certain number of frequent flier miles or usable long distance minutes. Another way of dividing rewards between a chain of referring parties is the use of **electronic** script or quasimonetary "credits" awarded for referrals. Much like trading stamps which were at one time very popular, and their **electronic** equivalents which are becoming popular, accumulating credits for referrals would give participants an option for...

...reward. An oil change might not be a very valuable reward to someone driving an **electric** car. An accumulation of credits for each referral, however, would give the driver of an **electric** car a greater range of options that might be more useful and attractive.

FIG. 3...

20/3,K/37 (Item 35 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00774794 \*\*Image available\*\*

**INTERACTIVE NETWORK PRESENTATION SESSION MANAGEMENT**

**GESTION D'UNE SESSION DE PRESENTATION INTERACTIVE SUR UN RESEAU**

Patent Applicant/Assignee:

BULA BAY CORP, Suite 300, 2999 Oak Road, Walnut Creek, CA 94596, US, US  
(Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

FARMER Alfred Wayne, 1240 Cole Street, San Francisco, CA 94117, US, US  
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

HALL David A (et al) (agent), Heller Ehrman White & McAuliffe, Suite 700,  
4250 Executive Square, La Jolla, CA 92037, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200108353 A1 20010201 (WO 0108353)

Application: WO 2000US20286 20000726 (PCT/WO US0020286)

Priority Application: US 99363236 19990727

Parent Application/Grant:

Related by Continuation to: US 99363236 19990727 (CON)

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES  
FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU  
LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR  
TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 14845

International Patent Class: G06F-017/60

Fulltext Availability:

Claims

Claim

- ... are selling activities in which a group of persons come together to view and purchase **merchandise** presented by a salesperson. For example, in the U.S.A., such situations may be...
- ...the products, take orders, and facilitate sales. Successful hosts are highly sought after, usually are **compensated** based on the sales they generate, and can receive significant **incentives** to host sales presentations and increase sales. Another situation typically experienced in a group meeting...such that one of their number is designated the session host and therefore is given **power** to determine the information being presented and to manage the participants during the presentation session...generated through a Community Viewing Module 104. The Community Viewing Module can show, for example, **merchandise** for sale to users, or instructional material to be viewed for learning. A Host Transaction...
- ...text, audio, and video information can be ided in the presentation display area to show **merchandise** available for purchase, provi 1 and users can interact by exchanging comments in the interaction...video monitor or flat panel display. The computer 400 also includes a direct access storage **device** (DASD) 407, such as a hard disk drive. The memory 408 typically comprises volatile semiconductor...
- ...computer preferably includes a program product reader 41 0 that accepts a program product storage **device** 412, from which the program product reader can read data (and to which it can storage **device** can comprise removable storage media such as a magnetic floppy disk, a CD-R disc...
- ...The programming steps can be received from the DASD 407, through the program product storage **device** 412, or through the network connection 416. The storage drive 41 0 can receive a...
- ...memory 408 for execution by the CPU 402. As noted above, the program product storage **device** can comprise any one of multiple removable media having recorded computer-readable instructions, including magnetic floppy disks and CD-ROM storage discs. Other suitable program product storage **devices** can include magnetic tape and semiconductor memory chips. In this way, the processing steps necessary...In a classroom/learning implementation, the "Product Availability" area may include past classroom sessions or **lesson** plans, rather **than** available products. For example, rather than a product "buy" text, the user may find a...

20/3,K/38 (Item 36 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00774517 \*\*Image available\*\*

**FINANCIAL PRODUCTS HAVING DEMAND-BASED, ADJUSTABLE RETURNS, AND TRADING EXCHANGE THEREFOR**

**PRODUITS FINANCIERS AYANT DES RECETTES AJUSTABLES, FONCTION DE LA DEMANDE, ET ECHANGES COMMERCIAUX CORRESPONDANT**

Patent Applicant/Assignee:

LONGITUDE INC, 650 Fifth Avenue, New York, NY 10019-6018, US, US

(Residence), US (Nationality), (For all designated states except: US)  
Patent Applicant/Inventor:

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(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

BERMAN Paul J (agent), Covington & Burling, 1201 Pennsylvania Avenue,  
N.W., P.O. Box 7566, Washington, DC 20044-7566, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200108063 A1 20010201 (WO 0108063)

Application: WO 2000US19447 20000718 (PCT/WO US0019447)

Priority Application: US 99144890 19990721; US 99448822 19991124

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE  
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 62845

Main International Patent Class: G06F-017/60

Fulltext Availability:

Claims

Claim

... scenarios, i.e., the profi

t and loss that would have been

obtained had the **trader** held the portfolio throughout ...bottom fifth  
percentile. - 117

.2 Credit Risk

In preferred embodiments of the present invention, a **trader** may make  
investments in a group of DBAR contingent claims using a margin loan. In

...

...embodiments, credit risk may be measured by estimating the amount of  
possible loss that other **traders** in the group of contingent claims  
could suffer owing to the inability of a given **trader** to repay a margin  
loan. For example, a **trader** may have invested \$1 in a given state for a  
Cr oupof DBAR contingent claims...

...this example, if the state later fails to occur, the DRF collects \$1  
from the **trader** (ignoring interest) which would require repayment of  
the margin loan. As the **trader** may be unable to repay the margin loan  
at the required time, the **traders** with successful trades may  
potentially not be able to receive the full amounts owing them under the  
DRF, and may therefore receive payouts **lower than** those indicated by  
the finalized returns for a given trading period for the group of...

...the cost of such insurance either borne by the exchange or passed on to  
the **traders**. One advantage of the system and method of the present  
invention is that, in preferred...

...CCAR involves the use of data related to the amount of margin used by  
each **trader** for each investment in each state for each group of

large investment near the end of a trading...

...I 0 back to fair value. Thus, in preferred embodiments, there should be an inherent **incentive** not to hold back large investments until the end of the trading period, thereby providing **incentives** to make large investments earlier, which is beneficial overall to liquidity and adjustment of returns. Nonetheless, a **trader** can readily calculate the effects on returns to a investment which the **trader** thinks might be permanent (e.g., at the end of the trading 1 5 period...  
...the two period hedging example (Example 3 19) above, it was assumed that the illustrated **trader** 's investments had no material effect on the posted returns, in other words, that this **trader** was a "price taker." The formula for the hedge trade H in the second period...The central controller I 00 is preferably located in a facility that has back-up **power**, disaster-recovery capabilities, and other similar infrastructure, and is connected via telecommunications links I 10 with computers and **devices** 160, 170, 180, 190, and 200 of **traders** and investors in groups of DBAR contingent claims of the present invention. Signals transmitted ...numerical solution of CDRF 2. Fixed point iteration means are generally more reliable and computationally **less** burdensome **than** grid search routines, as the computer code listing in Table I illustrates.  
A. Fixed Point...if-  
 $g'(A) < 1$   
i.e., the multivariate function  $g(A)$  has a first derivative **less than** 1. Whether  $g(A)$  has a derivative **less than** 1 with respect to A can be analyzed as follows. As previously indicated in the specification, for any given **trader** and any given state i, CDRF2 contains equations of the following form relating the desired payout p (assumed to be **greater than** 0) to the traded amount a required to generate the desired payout, given a total traded - 170 amount already traded for state i of Tj (also assumed to be **greater than** 0) and the total traded amount for all the states of T:  
T +a  
a...  
...of the termination criteria, an investment of value units by each of a plurality of **traders** in at least one of the plurality of defined states; and  
allocating a payout to...

20/3,K/39 (Item 37 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00769510 \*\*Image available\*\*

A METHOD AND SYSTEM TO SYNTHESIZE PORTFOLIOS OF GOODS, SERVICES OR FINANCIAL INSTRUMENTS

PROCEDE ET DISPOSITIF PERMETTANT DE SYNTHETISER DES PORTEFEUILLES DE BIENS, DE SERVICES OU D'INSTRUMENTS FINANCIERS

Patent Applicant/Assignee:

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Inventor(s):

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200103046 A1 20010111 (WO 0103046)

Application: WO 2000US18632 20000707 (PCT/WO US0018632)  
Priority Application: US 99142543 19990707  
Designated States:  
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)  
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE  
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM  
Publication Language: English  
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Fulltext Word Count: 14128  
  
Main International Patent Class: G06F-017/60  
Fulltext Availability:  
Claims

#### Claim

- ... the likely rewards obtainable from any average customer or business. This results in sub-optimal **utility** or satisfaction for each individual customer. Providing increased **utility** to each average customer or business has not 35 heretofore been exploited because it has...
- ...or financial instruments for average customers or businesses, so that individual customers will obtain greater **utility** and value than possible with standardized offerings heretofore available in the marketplace.  
SUMMARY OF THE...
- ...offerings of goods, services, or financial instruments to individual customers or businesses of all purchasing **power** or size, offerings that I 0 necessarily have **greater utility than** limited standardized offerings available heretofore. These objects are achieved by methods and systems based on...
- ...such customized portfolios. Individual elements of a portfolio are typically provided by one of more **suppliers**, for example by **manufacturers** of goods, **providers** of insurance services, or 1.5 brokers or issuers of financial instruments. Complete portfolios can be provided by the primary offerors of the portfolio elements, or by brokers of or **dealers** in the portfolio elements, or by other market arrangements. Importantly, these automatic systems and methods...
- ...or business preference data. Generally, this data reflects the preferences, or the values, or the **utilities** of certain goods, services or financial instruments selected from a universe of goods, services, or ...
- ...customer may desire a particular package of options, colors, etc. not currently offered by the **manufacturer**, while for computer systems, a customer may desire particular RAM, storage, processors, installed adapter cards...
- ...goods, potential customers can be identified as past purchasers of similar goods from a certain **supplier** or in general, or those likely to

portfolio, one objective being the **utility** represented by the previously determined indifference or **utility** surfaces, another being the profitability or price of the portfolio. For example, in the case... Genetic algorithms are described, for example, in Goldberg, 1989, Genetic Algorithms in Search, Optimization and **Machine** Learning, Addison-Wesley, Reading, (Genetic Algorithms in Search, Optimization and **Machine** Learning). FIG. 2 illustrates a flow diagram of the preferred adaptive dissimilarity partitioning method 200...

20/3,K/40 (Item 38 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
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00769406 \*\*Image available\*\*

**INTEGRATED BUSINESS-TO-BUSINESS WEB COMMERCE AND BUSINESS AUTOMATION SYSTEM**  
**SYSTEME INTEGRE D'AUTOMATISATION DES ECHANGES COMMERCIAUX ENTRE ENTREPRISES**  
**PAR L'INTERNET**

Patent Applicant/Inventor:

WONG Charles, 14250 Miranda Road, Los Altos Hills, CA 94022, US, US  
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Legal Representative:

COVERSTONE Thomas E (agent), Burns, Doane, Swecker & Mathis, LLP, P.O.  
Box 1404, Alexandria, VA 22313-1404, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200102927 A2-A3 20010111 (WO 0102927)

Application: WO 2000US16739 20000616 (PCT/WO US0016739)

Priority Application: US 99334688 19990617

Parent Application/Grant:

Related by Continuation to: US 99334688 19990617 (CON)

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES  
FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU  
LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR  
TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 51133

Main International Patent Class: G06F-017/60

Fulltext Availability:

Claims

Claim

... where the data to be entered is beyond the control of the system, for example **vendor** invoice number and amount. In these instances, manual entry is permitted but with checks for... Knowledge retention is focused, quantitative and process/domain-specific. For example, as a person doing **vendor** payment gains knowledge and improves, the **vendor** payment process intelligence of the system is improved. Likewise, as a person doing RMAs gains... external influence (change in demand or supply) may be a communication from a customer or **vendor**, for example, to either convey information or to view information stored in the central database. An example of an external influence might

be a **vendor** special **rebate** . Information may be conveyed by electronic means (e.g., Internet, intranet, EDI, satellite, remote terminal...

...sequential

nature of the business process enables incisive factual analysis in the areas of employee/ **vendor** performance and customer satisfaction, promoting fairness and personal responsibility. Whereas a human supervisor may effectively...

...Demand Documents

Goods for customers

Services

Inventory

Supplies

Budgets

Internal use (capital)

External use (expense)

**Vendor** contracts

Partner agreement

Others on demand

Similarly, the mechanism for Internet fulfillment takes the form...

...such a way as to make a profit: obtain demand, convert-it to a form **suppliers** can understand, the **suppliers** acting upon the demand information, and settling payments. Mechanisms are built in for buying, ordering...to initiate demand fulfillment. In the case of budgets, however, since budgets are often partner/ **vendor** -specific, a budget is created as a "dummy" purchase order. An initial budget amount is...

...the MWSs, e.g., tax payment, preparation of financial statements, etc. Following purchasing, when a **vendor** invoices are received, they are processed using a **vendor** invoice percolation process, and using information from the MWSs and from PSRI, to determine when a particular **vendor** invoice is ready for payment.

Multi- **vendor** budgets allow for budget tracking and enforcement with respect to a category of related expenditures where the **vendors** to be used are undetermined until the time of purchase. A non-specific, or universal...

...be coffee. These items may come from the same budget but be ordered from different **vendors** . The creation of POs by item, together with budget tracking by MWS, allows this flexibility...

...implement. In particular, budgets become tied into the more rigid discipline of purchase orders and **vendor** payments. That is, the present system provides real-time budget control and statusing instead of...

...at least the following: Chart of Accounts (COA), Partners, Customers, MWS, Items Sold, Item Detail, **Vendor** Invoice, Purchase Order (PO). In this manner, existing mechanism for processing Cost of Goods (COG...

...e.g., "Rent Expense."

In the present system, budgeting is done largely by partner or **vendor** . Because a budget is usually **vendor** -specific, it is much more concrete (much **more** real) **than** the typical departmental budget, which is often **more** guesswork **than** anything else. In particular, a Partner file has two principal views, a standard view and...

...is used here broadly to mean someone to whom money is paid. Partners may include **vendors** , **manufacturers** , employees, banks, accountants,



lawyers, etc. By adopting a broad, inclusive definition of partner, no special...

...items have been submitted. Selecting a partner displays actual payments submitted for approval. Preferably, an " **electronic** documents book" is also provided for storing online relevant documentation such as contracts, proposals, etc...

...items having different expected partners may also associated together in the form of a multi- **vendor** dummy PO.  
Approval makes funds available for commitment, but funds are not yet committed, meaning...same payment steps as COG invoices, namely review, pre-approval, approval, and scheduling to a **vendor** payment register. In the case of automatic payment, review, pre-approval, and approval are set...

...item come in over budget, it cannot be paid through the non-nal flow of **vendor** invoice verification. Rather, CFO approval is required to add additional monies to the budget, which...

20/3,K/41 (Item 39 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00766086 \*\*Image available\*\*

**INFORMATION DISTRIBUTION SYSTEM**  
**SYSTEME DE DISTRIBUTION D'INFORMATIONS**

Patent Applicant/Inventor:

ZWAS Jerold I, 21180 Independence, Southfield, MI 48076, US, US  
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Legal Representative:

CARLSON John E, Howard & Howard Attorneys, P.C., Suite 101, 39400  
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Patent and Priority Information (Country, Number, Date):

Patent: WO 200079462 A1 20001228 (WO 0079462)  
Application: WO 2000US17426 20000623 (PCT/WO US0017426)  
Priority Application: US 99140911 19990624

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB  
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA  
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA  
UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 3050

Main International Patent Class: G06F-017/60

Fulltext Availability:

Claims

Claim

... of displaying at least one of the notices in an information window integrated into a **utility** bar and/or menu bar of a computer application and displaying second information in an...

...File Edit View do Favorites HP Pfin ter built to last F,  
54---,, \$1 00 **rebate** on HP Laser 6p  
O Q Q I Q Q d E J I t t...

...My Weather Ny-stocks d  
Friday, February 26  
br@ Detroit, 360 41@  
OK 3  
Chily, **more** sun **than** clouds -Full Portfolio A.  
City or Zip: Symbol I Price I Change I Day Rangel...

...than minimum documentation to the extent that such documents are  
included in the fields searched **Electronic** data base consulted during  
the international search (name of data base and, where practicable,  
search...

20/3,K/42 (Item 40 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

00766058 \*\*Image available\*\*  
SYSTEM, METHOD AND COMPUTER READABLE MEDIUM CONTAINING INSTRUCTIONS FOR  
EVALUATING AND DISSEMINATING INVESTOR PERFORMANCE INFORMATION  
SYSTEME, PROCEDE ET SUPPORT LISIBLE PAR ORDINATEUR, CONTENANT DES  
INSTRUCTIONS SERVANT A EVALUER ET A DIFFUSER DES INFORMATIONS DE  
PERFORMANCES REALISEES PAR DES INVESTISSEURS

Patent Applicant/Assignee:

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US )

COLUMBUS Craig E, Suite N-210, 14614 North Kierland Boulevard,  
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only for: US )

Legal Representative:

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Washington, DC 20004, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200079433 A1 20001228 (WO 0079433)

Application: WO 2000US16735 20000619 (PCT/WO US0016735)

Priority Application: US 99139771 19990618

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE  
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 25855

Main International Patent Class: G06F-017/30  
International Patent Class: G06F-017/16 ...

... G06F-017/60

Fulltext Availability:  
Claims

Claim

... repeating until each group in each industry has been ranked.  
assliminp. in each industrv havinL), **less than** one-hundred investors,  
a rank. starting at a hiLyhest rank and decrement'rip by amounts...

...investors that are not people, removing investors affiliated with  
companies having a market capitalization of **less than** approximateIN  
rfifty-million dollars, and removing investors that have entered into  
**less than** two transactions within approximately ten years of the  
evaluation or investors that have no transactions...

...hllThest available rank and repeating until each Proup has been ranked:  
assigning. if there are **less than** one-hundred investors on said  
evaluation list. a rank. startincy at a highest rank and...

...deviation (SDI) and a second standard deviation (SD.)) . a total number  
of transactions (decisions,) occurring **more than** or equal to the  
first period of time before said evaluatin(y. and a total number of  
transactions (decisions-)) occurring  
**more than** or equal to the second period of time before said  
evaluating;  
calculatinry a first degree...

...adjustment to the conditional raw score (adjustment) by utilizing said  
total number of transactions occuming **more than** or equal to the first  
period of time before said evaluatina. and said total number of  
transactions occurring **more than** or equal  
to the second period of time before said evaluating, and  
generating a raw...TION TOLERANCE CONTRIBUTION RATE

DATA MARKET RESPONS RATES INVESTMENT DATA

COEFFICIENT HORIZON

NTICIPATE

CASH FLOW DISCOUNT

FUNCTION

STREAM

39

PRESENT VAL

35a OF FUTURE CASH <

FL

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ETERMINE

ISK TOLERANC...

...BUYERS ALL-STAR BUYERS Day 18 Otr 257 YTD 446

VS. @

Ma 16@jm est **SELLERS** ALL-STAR **SELLERS** Day 36 Otr 398 YTD 899 HELP

SETTING/OPTIOI@

Yanykee emens

Red Sox Perez COMMENTARY...First To Know

Sign up for email alerts for the )P 5 MOST PREDICTABLE INSIDER **SELLERS**

BASED ON PRIOR RESULTS latest insider trading activity, When insiders  
with a SELL score of...

...67 114,485

Featured Story LAWLER D SMCC 67 4,000  
Packaged Food Insiders  
Consume **Discounted** Shares  
0lsc HOW 00 THE MOST PREDICTIVE INSIDERS FEEL ABOUT THE MARKET?  
Strategy Filters All...

...Yahoo! - The  
Internet's First Cash ALL- STAR BUYERS 24 350 350  
Cow ALL- STAR **SELLERS** 8 241 241  
0 Click here for complete list of today's All-Star Buyers and All-Star  
**Sellers** CNBC **POWER** LUNCH 0 Click here for detailed breakdown of Day,  
Qtr, YTD by Sector  
Monday  
12...than minimum documentation to the extent that such documents are  
included in the fields searched **Electronic** data base consulted during  
the international search (name of data base and, where practicable,  
search...

20/3,K/43 (Item 41 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00760627 \*\*Image available\*\*

A SEMICONDUCTOR MEMORY CARD, PLAYBACK APPARATUS, RECORDING APPARATUS,  
PLAYBACK METHOD, RECORDING METHOD, AND COMPUTER-READABLE RECORDING  
MEDIUM

CARTE MEMOIRE A SEMI-CONDUCTEURS, APPAREILS DE REPRODUCTION SONORE ET  
D'ENREGISTREMENT, PROCEDES DE REPRODUCTION SONORE ET D'ENREGISTREMENT,  
ET SUPPORT D'ENREGISTREMENT LISIBLE PAR ORDINATEUR

Patent Applicant/Assignee:

MATSUSHITA ELECTRIC INDUSTRIAL CO LTD, 1006, Oaza Kadoma, Kadoma-shi,  
Osaka 571-8501, JP, JP (Residence), JP (Nationality)

Inventor(s):

HIROTA Teruto, 1-20-1-306, Kaji-machi, Moriguchi-shi, Osaka 570-0015, JP  
TAGAWA Kenji, 5-305, Myoukenzaka 5-chome, Katano-shi, Osaka 576-0021, JP  
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ISHIKAWA Tomokazu, 4-6-14, Sanwa-cho, Toyonaka-shi, Osaka 561-0828, JP  
INOUE Shinji, 19-1-1142, Matsuya-cho, Neyagawa-shi, Osaka 572-0086, JP  
KOZUKA Masayuki, 501 Coyle Avenue, Arcadia, CA 91008, US

Legal Representative:

NAKAJIMA Shiro, 6F, Yodogawa 5-Bankan, 2-1, Toyosaki 3-chome, Kita-ku,  
Osaka-shi, Osaka 531-0072, JP

Patent and Priority Information (Country, Number, Date):

Patent: WO 200074059 A1 20001207 (WO 0074059)

Application: WO 2000JP3297 20000524 (PCT/WO JP0003297)

Priority Application: JP 99149893 19990528; JP 99236724 19990824; JP  
99372606 19991228

Designated States:

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prior to 2004)

BR CA CN ID RU SG

Publication Language: English

Filing Language: English

Fulltext Word Count: 47581

International Patent Class: G06F-001/00 ...

... G06F-012/14

Fulltext Availability:

## Claims

### Claim

- ... information and audio data distributed as content by a content distribution service, such as an **electronic** music distribution service.
- Background Art  
Recent years have witnessed the gradual introduction of the hardware infrastructure necessary for the **electronic** distribution of music. This gives rise to the potential for great change in the music...
- ...distributed as packaged software using media such as compact discs (CDs) and cassette tapes. **Electronic** music contents (i, e. , songs and albums) can be delivered to consumers by having the...
- ...cards and COMPACT FLASH cards are already available. Such semiconductor memory cards include a semiconductor **device** called flash memory (EEPROM **Electrically** Erasable Programmable Read-Only Memory) Flash memory is capable of data reads and writes at much **higher** speeds than MD (MiniDisc) or CD-R (Compact Disc-Recordable), This means that digital music can be...
- ...allowing users to make illegal copies of copyrighted music that has been downloaded from an **electronic** music distribution service. Since semiconductor memory cards allow data to be written at **higher** speeds than CD-R or MD, copying is thought to be a more serious problem for such...
- ...title are encrypted using an encryption key,, called the "title key", chosen by the disc **producer** before being recorded on a DVD-Audio disc. This title key is encrypted using an...
- ...is itself encrypted using an encryption key (usually called the "master key") chosen by the **manufacturers** of content decoding apparatuses and is recorded in the lead-in region of the DVD...
- ...in an immeasurable loss to the copyright holder. With the great advancements in the processing **power** of home computers in recent years, it is becoming increasingly difficult to say...
- ...As copyright protection is necessary for digital music that is to be distributed by **electronic** music distribution, such music is usually distributed in an encrypted form. 15 Encryption is...a track) can be performed simply by referring to an address that is **offset** by an integer multiple of the data size of the unit playback time. However, when...
- ...positions corresponding to one or two minutes ahead of the current position will seldom be **offset** by an integer multiple of

the data size of the unit playback time. As a...

...at least one

audio track, including: a protected area that can be accessed by a **device** connected to the semiconductor memory card only if the **device** has been found to be authentic, the protected area storing an encryption key sequence composed...

...arranged into

a predetermined order; and an unprotected area that can be accessed by any **device** connected to the semiconductor memory card, the unprotected area storing at least one audio track...block information for each audio object in the audio track, the block information including: an **offset** measured from the storage position of the corresponding audio object given in the management...

...showing a length of the valid data that starts

from a position indicated by the **offset**, the attribute information for an audio object showing whether the valid data indicated by the **offset** and the length information (a) corresponds to an entire audio track, (b) corresponds to a...

...broadcast where the disc jockey talks over the intro of

a song, a suitable data **offset** can be set in the block information to have the song played back without the...to have nine connectors on its bottom edge for connecting the card to a compatible **device** and a protect switch 32 on one side to enable the user to set whether...

...region", and are described in detail

below, The user region is characterized in that a **device** to which the flash memory card 31 is connected can freely read or write various...the user region. This region differs from the user region

in that a **device** connected to the flash memory card 31 can

23  
access (i.e., read or write data in) the authentication region only if the flash memory card 31 and the **device** have first confirmed that each other is an authentic **device**. In other words,, data can only be read from or written into the authentication region if mutual authentication has been successfully performed by the flash memory card 31 and the **device** connected to the flash memory card 31.

{3 4A-21 Uses of the Three Regions  
in the Physical Layer

When the **device** connected to the flash memory card 31 writes data into the flash memory card...

20/3,K/44 (Item 42 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00747109 \*\*Image available\*\*

DATABASE SEARCH IN DISTRIBUTED COMPUTER SYSTEM ON PORTION OF REMOTE  
DATABASE

RECHERCHE EN BASE DE DONNEES DANS UN SYSTEME INFORMATIQUE REPARTI, A

**L'INTERIEUR D'UNE PARTIE DE BASE DE DONNEES DISTANTE**

Patent Applicant/Assignee:

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12203, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200060501 A1 20001012 (WO 0060501)

Application: WO 2000US8913 20000404 (PCT/WO US0008913)

Priority Application: US 99286043 19990405

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES  
FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU  
LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT  
TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 6619

Main International Patent Class: **G06F-017/30**

Fulltext Availability:

Claims

Claim

... of performing a database search on a distributed computer system,  
comprising:  
requesting, by a first **agent** of the distributed computer system, to  
search information of at least one entity;  
indicating, by a second **agent** of the distributed computer system, at  
least one search criterion for the information of the at least one  
entity;  
accessing, by a third **agent** of the distributed computer system, at  
least  
1 0 one database remote from the first **agent** and the second **agent** in  
the  
I I distributed computer system, the at least one database comprising  
information of...

...entities including the at least one entity, the at least one entity  
1 3 comprising **less than** all of the plurality of the entities; and  
performing, by a fourth **agent** of the distributed computer system, a  
1 5 search based on the at least one...

...mi

16 18

F1

fig\* 1

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36 38 40
C LI MAIN .] STORAGE
STORAGE I  DEVICE
42
figo 4
/4
BUYER LINKS TO 22
MERCHANT WEB SITE
if
BUYER SUBMITS SEARCH 24
FORM TO MERCHANT
SEARCH CRITERIA TO 26
DATABASE COMPUTER
if
PERFORM SEARCH AND RETURN 28
RESULTS TO MERCHANT
DISPLAY RESULTS 30
FOR BUYER
fig. 2
/4 COMMONLY USED SPECS
Note: You can skip any field that you do not care about,
Suppliers to Search: 33
Select supplier (s) to search: Help!
I Sensotec Inc. IV I
This allows you to search the products of only one supplier .
Pressure Range To Measure: joe@@ 32
Pressure that you need to From JYJ jjeet
measure...

...ond 'To' values to work.)
Pressure Measurement Type:
Pressure sensor types: ClAbsolute OGauge [Differential
OSealed
Electrical Output:
El Analog Current(4-20mA, etc.) [3 Digital Serial
Q Analog Voltage M Digital...

...Specs
Note: You can skip any field that you do not care about,
Category of Device :
Q Sensor Element/Chip 0 Gouge/Indicator @e
El Sensor/Transducer El Instrument/Meter
Sensor...
...corejjV (+/@% of full scale)
Technology Used:
Sensor Technologies: F1 Piston FIDiophrogm [:]Strain Gouge
El Piezo electric [3 Vibrating Element
Material to Measure:
Do you need to measure a liquid? Don't careIVI
Do you need to measure a gas? Don't careIVI
Features:
Temperature Compensation ? I Don't corejYj Let
Temperature output also? I Don't careIVI U@
Output "negative...

...entering 'normal' operating temperature ranges (i.e.: neither
'very high' nor 'very low') because some suppliers do not provide
this data for,products that have 'typical' vales, and your search
may low') because some suppliers do not provide
this data for products that hove 'typical' vales, and your search

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may...

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20/3,K/45 (Item 43 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00738589 \*\*Image available\*\*

**COMPUTER CONTROLLED TOYS THAT PROVIDE MESSAGES TO THE USER**  
**JOUETS A COMMANDE ELECTRONIQUE EMETTANT DES MESSAGES A DESTINATION DE**  
**L'UTILISATEUR**

Patent Applicant/Assignee:

CREATOR LTD, Gush Etzion Street 13, 54030 Givat Shmuel, IL, IL  
(Residence), IL (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

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(Nationality), (Designated only for: US)

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(Nationality), (Designated only for: US)

SANDLERMAN Nimrod, Churgin Street 44, 52356 Ramat Gan, IL, IL (Residence)  
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Legal Representative:

SANFORD T Colb, Sanford T. Colb & Co., P.O. Box 2273, 76122 Rehovot, IL

Patent and Priority Information (Country, Number, Date):

Patent: WO 200051697 A1 20000908 (WO 0051697)

Application: WO 2000IL130 20000302 (PCT/WO IL0000130)

Priority Application: US 99260931 19990302

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AL AM AT AT (utility model) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ  
(utility model) DE DE (utility model) DK DK (utility model) DM EE EE  
(utility model) ES FI FI (utility model) GB GD GE GH GM HR HU ID IL IN IS  
JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT  
RO RU SD SE SG SI SK SK (utility model) SL TJ TM TR TT TZ UA UG US UZ VN  
YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 27075

International Patent Class: G06F-009/00 ...

Fulltext Availability:

Claims

Claim

... Packaged

raw con ent behaviors

2950

-F)

raw content ..... 111 11 11

2940

...of-the-millennium calamity.

Intt

Mil

Community I'll be honest: I'm not stockpiling **Power** Bars. I don't think the sky A ni

TalkBack is failing. But with I...

...I

Nei

Consumer 14AQ: Y2K specialist Mitch Ratcliffie points out that Y21 just because your **utility** company is Y2K compliant doesn't I l1te Z501 3220

Talk:

Berst Alert TUESDAY...

...minimum documentation to the extent that such documents are included in the fields searched

NONE

**Electronic** data base consulted during the international search (name of data base and, where practicable, search...

**20/3,K/46 (Item 44 from file: 349)**

DIALOG(R)File 349:PCT FULLTEXT

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00737987 \*\*Image available\*\*

**GLOBALLY TIME-SYNCHRONIZED SYSTEMS, DEVICES AND METHODS**

**SYSTEMES GLOBALEMENT SYNCHRONISES DANS LE TEMPS**

Patent Applicant/Assignee:

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Patent Applicant/Inventor:

FARIS Sadeg M, 24 Pocantico River Road, Pleasantville, NY 10570, US, US (Residence), US (Nationality), (Designated only for: US)

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FLANNERY James P, 30 Williams Street, New City, NY 10965, US, US (Residence), US (Nationality), (Designated only for: US)

Legal Representative:

PERKOWSKI Thomas J (agent), Soundview Plaza, 1266 East Main Street, Stamford, CT 06902, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200050974 A2-A3 20000831 (WO 0050974)

Application: WO 2000US5093 20000228 (PCT/WO US0005093)

Priority Application: US 99258573 19990226; US 2000513601 20000225

Parent Application/Grant:

Related by Continuation to: US Not furnished (CIP)

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 80968

Main International Patent Class: G06F-017/60

Fulltext Availability:

Claims

Claim

... different application at hand. Collectively, these operations enable a competitor (i.e. market participant or **trader** ) to participate against millions

of competitors, in a secure and fundamentally fair time-constrained

...her client machine on the infrastructure of the Internet, or on the planet Earth.

Thus, **trader** /competitors in Tokyo, Japan and New York, New York, will receive real-time price quotes on market activity at the same globallysynchronized time. Also, the GSU in each **trader** 's client machine securely places a time and space stamp on each **trader** 's trade, to ensure that such geographically distributed and differently Internet-connected **traders** are able to compete under fundamentally fair and network-secure conditions.

Page 95 of 238...

...In the system of FIG. 5, the operation indicated at Block E in FIG. 4 **trader** 's response (e.g. offer/order to buy and/or sell a particular amount of...

...market competition, updated price quotations are simultaneously displayed/presented to each of the on-line **traders** in a globally time-synchronized manner. In response thereto, each **trader** can respond to such changing market conditions by placing trade orders which are time and...server to continue accepting bids after the "close of bidding" for a period of time **greater than** the longest measured network latency. The submission-time of any bid received after the close...

...the close of bidding.

In the preferred embodiment, the local clock associated with each client **machine** is characterized using a GPS receiver installed therein. GPS receivers can provide a clock reading...

...between the two clocks can be determined using standard curve-fitting methods. Preferably, each client **machine** is provided with GSU, including a GPS receiver module as described in detail hereinabove. However, in the absence of a GPS receiver module on the client **machine** , other techniques may be used to characterize the local clock on the client **machine** . In particular, the methods and algorithms based on the standard NTP (i.e. network time...

...above, these algorithms are typically used to synchronize clocks over networks, and automatically measure and **compensate** for network latency. NTP could be used directly, or more likely would be modified to...

...as well as b y monitoring and logging the auction-related activities on each client **machine** . Security is also provided by means of a unique identification for each client **machine** . The login for each bidder is associated with the unique

by the bidder, by determining whether it meets certain requirements necessary to...

...data

produced as a result of these tests may be recorded, either on the client **machine** or on one of the servers. This data could be used, in conjunction with other...

20/3,K/47 (Item 45 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
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00736216 \*\*Image available\*\*

**SYSTEM AND METHOD FOR PROCESSING FINANCIAL TRANSACTIONS**  
**SYSTEME ET PROCEDE DE TRAITEMENT DE TRANSACTIONS FINANCIERES**

Patent Applicant/Inventor:

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Legal Representative:

GARRETT Arthur S, Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P.,  
1300 I Street, N.W., Washington, DC 20005-3315, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200049551 A1 20000824 (WO 0049551)  
Application: WO 2000US4163 20000218 (PCT/WO US0004163)  
Priority Application: US 99120760 19990219

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB  
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA  
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA  
UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 14767

Main International Patent Class: G06F-017/60

International Patent Class: G06F-017/00 ...

... G06F-015/30 ...

... G06F-011/00 ...

... G06F-007/00 ...

... G06F-003/00

Fulltext Availability:

Claims

Claim

... Yet another embodiment includes a customer transceiver 50 that identifies an individual to a service **provider**, permitting the service **provider** to then access information about the customer for the purpose of providing personal services to the customer. A further embodiment includes a customer transceiver 50 that transmits automatic

...amount causing the customer to exceed his credit limit, a message is transmitted to the **merchant** via the transaction processing system 26 in step 486 that the transaction is not authorized and the in-progress delivery of **merchandise** (e.g., gasoline) is immediately discontinued. The sales associate is then notified in a well...

...transaction does not require authorization (i.e., cash or other liquid asset is used), POS **device** 34 still communicates with transaction processing system 26 to provide transaction information 1 1 0...

...from changed circumstances (customer address, status change, etc.) to changing preferences with respect to specific **merchants** to adding new **merchants** for a customer. Data security controls are utilized to ensure that only legitimate customers can...

...retrieves updated customer profile data from an online memory location (RAM 88, or secondary storage **device** 94). In step 520, the transaction processing system 26 reconciles **merchant** accounts. That is, the system aggregates **merchant** sales, credits **merchants** and payment processors when appropriate and then presents invoices to each **merchant** and payment processor, based on sales activities. Customer profile information 102, **merchant** information 104, transaction information I 1 0, and customer payment method information 112 are used to determine the fees to be paid to each entity ( **merchant** store 12 and payment processor 16, and transaction processing system 26, as appropriate.) Once the...

20/3,K/48 (Item 46 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00733745 \*\*Image available\*\*

**METHOD AND SYSTEM FOR PROVIDING A USER WITH INTEGRATED INTERACTIVE ACCESS TO PRODUCTS AND SERVICES**

**METHODE ET SYSTEME PERMETTANT DE FOURNIR A UN UTILISATEUR L'ACCES INTERACTIF INTEGRE A DES PRODUITS ET SERVICES**

Patent Applicant/Assignee:

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Inventor(s):

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MILLER Mary, 111 Elm Street, Roslyn Heights, NY 11577, US

SHAPIRO Arlene, Apartment 11-E, 410 West 24th Street, New York, NY 10011, US

Legal Representative:

MARCOU George, Kilpatrick Stockton LLP, Suite 800, 700 13th Street, N.W., Washington, DC 20005, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200046732 A1 20000810 (WO 0046732)

Application: WO 2000US2670 20000202 (PCT/WO US0002670)

Priority Application: US 99118427 19990202; US 99143797 19990714

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB  
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA  
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA  
UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 17413

Main International Patent Class: G06F-019/00

Fulltext Availability:

Claims

Claim

... Center

Credit Marketplace To get started, select your industry:

Insurance

Marketplace

NEWS & INFO... Cl Retail **Manufacturers**

EMPLOYEE BENEFITS Service Trade

(I Contractors

HOME Office and

HELP Professionals Wholesale

Bulding Other

Owners...

...AND SERVICES

212 LINKS TO HOSTED APPLICATIONS FOR OTHER

FINANCIAL INSTITUTION PRODUCTS AND SERVICES

214 **ELECTRONIC** WALLET AND RELATED COMPUTER

BASED **ELECTRONIC** SYSTEMS

211 STORAGE

213 RETRIEVAL

215 MANAGEMENT

SUBSTITUTE SHEET (RULE 26)

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...Deals on Office Supplies, services for si

Computers, Software...

r 88 ..... Enjoy Big Business buying **power** . The bi;

IT! Human' k6so, II r, c' e, s bizzed Marketplace offers you

Payroll, 401k, Salary Info... The Ial

90 **discounted** supplies, computers,

%moo 8 a le''s, &' Maike, tihg- software and more. practic

Press Releases...

20/3,K/49 (Item 47 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00579183 \*\*Image available\*\*

METHOD AND SYSTEM FOR REAL-TIME CONTRACTS, ADMINISTRATION, AND FINANCIAL  
CONTROL TO PROCESS ELECTRONIC CREDIT APPLICATIONS AND INSURANCE  
SERVICES VIA A GLOBAL COMMUNICATIONS NETWORK

PROCEDE ET SYSTEME DE CONTRATS EN TEMPS REEL, D'ADMINISTRATION ET DE  
CONTROLE FINANCIER PERMETTANT UN TRAITEMENT ELECTORNIQUE DES DEMANDES  
DE CREDIT ET SERVICES D'ASSURANCE VIA UN RESEAU DE COMMUNICATIONS

**GLOBAL**

**Patent Applicant/Assignee:**

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Post Office Box 26131, Greensboro, NC 27402-6131, US, US (Residence),  
US (Nationality), (For all designated states except: US)

**Patent Applicant/Inventor:**

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NORRIS Sherry, 6504 River Hills Drive, Greensboro, NC 27410, US, US  
(Residence), US (Nationality), (Designated only for: US)  
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(Nationality), (Designated only for: US)  
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(Residence), US (Nationality), (Designated only for: US)  
GORBEA Dale, 605 Pepperidge Road, Lewisville, NC 27023, US, US  
(Residence), US (Nationality), (Designated only for: US)  
DELOOZE Jan, 393 Clubhouse Court, Apartment 2E, High Point, NC 27265, US,  
US (Residence), NL (Nationality), (Designated only for: US)  
FREIBERG Richard, 1633 Kesteven Road, Winston-Salem, NC 27127, US, US  
(Residence), US (Nationality), (Designated only for: US)  
JOYCE Neil, 3209-H Stoneburg Court, Greensboro, NC 27409, US, US  
(Residence), GB (Nationality), (Designated only for: US)

**Legal Representative:**

CALKINS Charles (et al) (agent), Kilpatrick Stockton LLP, 1001 West  
Fourth Street, Winston-Salem, NC 27101, US,

**Patent and Priority Information (Country, Number, Date):**

Patent: WO 200042556 A2 20000720 (WO 0042556)  
Application: WO 2000US884 20000113 (PCT/WO US0000884)  
Priority Application: US 99115667 19990113

**Designated States:**

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB  
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA  
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA  
UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 21400

Main International Patent Class: G06F-017/60

Fulltext Availability:

Claims

**Claim**

... OF CREDIT SALES CONTRACT

Assignment and Waiver of Defenses: Buyer acknowledges receipt of notice  
that **Seller** is assigning this Contract  
immediately upon execution to . whose primary place of business is  
located in ("Assignee") and that: (a) Assignee has all **Seller** 's rights  
and remedies, and all of Buyer's agreements, representations and  
warranties shall be...

...have been made to Assignee as if Assignee were a party to this Contract;

(b) **Seller** is not Assignee's agent for any purposes; (c) **Seller**  
will not have any power or authority to modify any term of this Contract;  
(d) Buyer will not assert any claims or defenses Buyer may have against

**Seller** or any other party and will settle all claims, defenses, set-offs and counterclaims it may have against **Seller** or the **manufacturer** of the Vehicles (the "**Manufacturer**"), including but not limited to defects in the Vehicles, directly and solely with **Seller** or the **Manufacturer**; (e) Assignee may **compensate** **Seller** in excess of the Amount Financed in exchange for assignment of this Contract; (f) Assignee's decision to purchase this Contract from **Seller** relies, in part, upon the warranties and agreements made by Buyer; and (g) All references to "**Seller**" in this Agreement (other than **Seller**'s obligation to sell the Vehicles to Buyer) shall be deemed to refer to Assignee...

...and assigns. No Warranties: THERE ARE NO WARRANTIES OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING **MERCHANTABILITY** OR FITNESS FOR A PARTICULAR PURPOSE OTHER THAN THOSE MADE BY THE **MANUFACTURER** OF THE COLLATERAL. Buyer acknowledges that it is not relying on any representations from **Seller** (or any other party) relating to financing made under this Contract. Buyer's Representations: Buyer...

...the Total Obligation shown on line 15: (b) except for the security interest granted to **Seller**, Vehicles will remain free from all liens and security interests; (c) all information supplied by Buyer in any financial, credit or accounting statement to **Seller** are and will be true, correct and genuine and Buyer consents to the ongoing review... operating condition, repair, and appearance; all in conformity with all governmental regulations, insurance policies, and **Manufacturer**'s warranties; (c) to promptly pay all taxes, assessments, license fees and other public or...

...this Contract; (d) to obtain a certificate of title on each of the Vehicles showing **Seller**'s first priority security interest and to preserve and perfect that security interest: (e) to...

...to be operated by or be in the possession of any other party; (f) that **Seller** may enter any premises at any reasonable times to inspect the Vehicles; (g) to not assign or encumber any of its rights or obligations under this Contract; (h) to provide **Seller** with quarterly and annual financial statements within 30 and 90 days respectively, of the end of the applicable period; (i) to reimburse **Seller** immediately after written notice for any expenses incurred by **Seller** to perform any of the Obligations of Buyer; and 0) that the Vehicles will not be used to transport environmentally hazardous materials, contaminants, or waste products

**Seller**'s Initials Buyer's Initials:

FIGURE 7A-2

/30

Insurance and Risk of Loss: All...

...Buyer. Buyer will keep the Vehicles insured at Buyer's expense against liability for not **less than** \$1,000,000 per occurrence, and loss or damage by fire, theft and other customary...

...deductible not to exceed \$1,000 per Vehicle. Coverage and insurer will be subject to **Seller**'s reasonable approval (with the insurer being **rated not less than** B+ Class by Best), with **Seller** being named an additional insured and/or loss payee on the policies, as applicable, Each Policy will further provide that **Sellers** interest can not be invalidated by any act, omissions or neglect of any party other than **Seller** and that the insurer will give **Seller** thirty days advance written notice of any policy cancellation or non-renewal. whether such cancellation...



Date:

FIGURE 7G

Dealer /Customer:

RE: Tax Exemption Survey

In order to serve you better, the tax department has...

...WARRANTY REGISTRATION

This warrant is an agreement between the purchaser and the selling authorized Dealer Warranty protection is an essential part of our offer to sell. We urge every prospective...

...and conditions set forth on the warranty certificate. No OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE GIVEN BEYOND THOSE SET FORTH THEREIN. LIMITATION OF REMEDIES IN NO EVENT SHALL OR ITS DEALERS BE LIABLE FOR SPECIAL OR CONSEQUENTIAL DAMAGES, INCLUDING LOSS OF INCOME. DOWNTIME EXPENSES AND ANY...

...123 Ant Street  
CITY Anytown STATE NC  
DATE OF PURCHASE ZIP 55687  
SIGNATURE

OWNER ACKNOWLEDGEMENT

DEALER DECLARATION I hereby acknowledge receipt of the vehicle herein described and accept This vehicle has been inspected and serviced in accordance with the dealer declaration as valid. I further acknowledge that the Federal pre-delivery Inspection Procedures and is fit...

...registered for warranty applicable to the model vehicle purchased.  
coverages as of delivery dates shown below.

Dealer Signature Owner Signature

Date Date

PRE-DELIVERY & REGISTRATION DETAIL

(FILL IN COMPLETE AT TIME OF...

20/3,K/50 (Item 48 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00506762 \*\*Image available\*\*

PORTABLE DATA DEVICE AND METHOD OF SWITCHING BETWEEN A POWER AND DATA MODE OF OPERATION

DISPOSITIF PORTABLE DE STOCKAGE DE DONNEES ET PROCEDE DE COMMUTATION ENTRE UN MODE DE FONCTIONNEMENT ALIMENTATION ET UN MODE DE FONCTIONNEMENT DONNEES

Patent Applicant/Assignee:

MOTOROLA INC,

Inventor(s):

ATRISS Ahmad H,

ALLEN Steven P,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9938114 A1 19990729

Application: WO 98US25134 19981124 (PCT/WO US9825134)

Priority Application: US 9812392 19980123

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AU AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 3813  
...International Patent Class: G06F-017/60  
Fulltext Availability:  
Detailed Description

Detailed Description  
... connected to the drain).

Similarly, the voltage on node Nn is referenced to Vss and **offset** from Vss to a higher value by a fixed amount. This **offset** voltage is set to one NMOS threshold voltage by using a NMOS **device** in a diode equivalent configuration (i.e., gate connected to the drain). When the potential between Vss and Vdd is below its regulated value, the potential on Nn is **higher than** the potential on Np and the output of the comparison circuit is low. As Vdd rises in response to receiving more **power**, Np also rises by the same amount. Correspondingly, as Vss goes lower, in response to receiving more **power**, Nn also goes lower by the same amount. This phenomenon is used to effectively determine when the **power** is at an acceptable level, while still maintaining a level of receive sensitivity to accurately...

20/3,K/51 (Item 49 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

00493576 \*\*Image available\*\*

SYSTEMS AND METHODS FOR MATCHING, SELECTING, NARROWCASTING, AND/OR CLASSIFYING BASED ON RIGHTS MANAGEMENT AND/OR OTHER INFORMATION  
SYSTEMES ET PROCEDES DE COMPARAISON, DE SELECTION, DE DISTRIBUTION RESTREINTE, ET/OU DE CLASSIFICATION SELON DES DONNEES RELATIVES A UNE GESTION DES DROITS ET/OU D'AUTRES DONNEES

Patent Applicant/Assignee:

INTERTRUST TECHNOLOGIES CORP,

Inventor(s):

SHEAR Victor H,  
VAN WIE David M,  
WEBER Robert P,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9924928 A2 19990520

Application: WO 98US23648 19981106 (PCT/WO US9823648)

Priority Application: US 97965185 19971106

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM  
HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX  
NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW GH GM  
KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI  
FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD  
TG

Publication Language: English

Fulltext Word Count: 46172

Main International Patent Class: G06F-017/60  
International Patent Class: G06F-001/00  
Fulltext Availability:  
Detailed Description

Detailed Description

... or other digital credential may  
be among the information used to classify a node, user, **appliance** ,  
**device** , entity, and/or other commerce participant, and rules and  
consequences can be made conditional on...

...or more  
1 5 authenticated classes and/or on the degree of confidence the rule  
**provider** has in the trustedness of the certificate and/or other digital  
credential issuer. In one example, a **discount** to higher education may  
be larger if the root for chain of trust for a...

...the root belongs  
to the MIS department of a small college. In this example, the  
**provider** is willing to grant a higher **discount** when there is higher  
certainty that the recipient is in fact a member of a...

20/3,K/52 (Item 50 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00489763 \*\*Image available\*\*

DEVICE AND APPLICATION FOR FACILITATING, MAKING MORE EFFICIENT AND  
CONTROLLING THE REPLENISHING AND REMOVAL OF GOODS (ARTICLES) IN  
PREMISES, PARTICULARLY IN SHOPS

DISPOSITIF ET APPLICATION PERMETTANT DE FACILITER, DE RENDRE PLUS EFFICACE  
ET DE COMMANDER LE REAPPROVISIONNEMENT ET L'ENLEVEMENT DE MARCHANDISES  
(ARTICLES) DANS DES LOCAUX, NOTAMMENT DANS DES MAGASINS

Patent Applicant/Assignee:

INTEGRATED STORE INFORMATION SYSTEM EUROPE AB,  
ANDERSSON Hans,

Inventor(s):

ANDERSSON Hans,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9921115 A1 19990429

Application: WO 98SE504 19980320 (PCT/WO SE9800504)

Priority Application: SE 973804 19971017; SE 974198 19971117

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM  
GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX  
NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW GH  
GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI  
FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 12020

Main International Patent Class: G06F-017/60

Fulltext Availability:

Claims

Claim

... s, while the speed of the connections 105a, 106a,  
107a, 108a, 109a, etc., can be **lower** than ten kbit/s.  
21 The strips 115-123 and 125-127 support shelf labels and...in one of  
the cells. As soon as a  
recorded label is provided with a **power** supply, which can be

from a **device** that is used when preparing labels, and when it is inserted in a shelf-edge...

...procedure is the same as for the "new shop" (see above) . In this way the **electronic** shop circuit is used to position and control the shop dynamically.  
Because the actual location...deal with the customers individually, based on their previous buying habits.  
Pensioners can be given **discounts** on certain goods during certain periods of time, etc. The number of customers can be...

20/3,K/53 (Item 51 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00488469 \*\*Image available\*\*  
**SYSTEMS, METHODS AND COMPUTER PROGRAM PRODUCTS FOR ELECTRONIC TRADING OF FINANCIAL INSTRUMENTS**  
**SYSTEMES, METHODES ET PROGRAMMES INFORMATIQUES DESTINES A LA NEGOCIATION ELECTRONIQUE D'INSTRUMENTS FINANCIERS**

Patent Applicant/Assignee:

DERIVATIVES NET INC,  
MAY R Raymond,

Inventor(s):

MAY R Raymond,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9919821 A1 19990422

Application: WO 98US21518 19981013 (PCT/WO US9821518)

Priority Application: US 9762410 19971014

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
FI GB GD GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU  
LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT  
UA UG US VZ VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ  
TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI  
CM GA GN GW ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 34553

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Claims

Claim

... 81 which presents the results to the user via the market interface module 74. The **trader** workstations 20 includes a processor 82 that communicates with other elements within the **trader** via a system interface 84. An input device 86, for example, a keyboard or pointing...  
...a monitor is used to output data to the user. A memory 90 within the **trader** workstations 20 includes the Internet browser  
SUBSTITUTE SHEET (RULE 26)  
program 72 (and thus, the **trader** module 70) and a conventional operating system  
94 which communicates with the Internet browser program 72 and enables execution of the Internet browser program 72 (and thus, the **trader** module 70) by

processor 82. It is noted, however, that the **trader** module is preferably implemented as a Java-based program that is downloaded into memory 90 for the execution during a single session, and the **trader** workstations 20 will not persistently store the **trader** module 70. Further, as a Java-based program, the **trader** module 70 will be executed on a JVM 73 which is a component of the Internet browser program 72. An external communication link 96 is provided to interface the **trader**. Therefore, a user of the system 10 is not necessarily tied to a specific hardware...

...user wherever the user has access to a Java capable browser and Internet access. The **trader** module 70 may be implemented as an independent program capable of establishing a communication link...

...4, illustrated is an embodiment of a business unit server 18 which includes a proxy **agent** 110 in accordance with the present invention. The proxy **agent** 110 may perform numerous functions including decoding and encoding encrypted messages sent and received over networks 16. The proxy **agent** 110 manages traffic to and from the **trader** workstations 20, and  
SUBSTITUTE SHEET (RULE 26)  
may provide other features such as document caching and network access control. The proxy **agent** 110 may improve performance by storing and supplying frequently requested data to the **trader** workstations 20, or by filtering and/or discarding information from the networks 16. Preferably, proxy **agent** 110 resides on a business unit server 18 which is part of the respective client...

...invention may be implemented without business unit servers 18, whereby the functionality of the proxy **agent** 110 may be incorporated into the **trader** module 70 of the respective **trader** workstation 20; such functionality including decoding ...to the user. A memory 120 within the business unit server 18 includes the proxy **agent** 110 and a conventional operating system 122 which communicates with the proxy **agent** 110 and enables execution of the proxy **agent** 110 by processor 112. An external communication link 124 is provided to interface the...

...server 18 with other computer systems or computer-based machines such as networks 16 and **trader** workstations 20. Lastly, a hard disk 126 may be provided as a persistence memory device, as is well known in the industry. Particularly, the hard disk 126 may include **trader** data profiles 128 for each of the different **trader** workstations 20 associated with the business unit server 18. Alternatively, the **trader** data may be stored at the central processing center 12 so that the **trader** does not need to re-build his/her screens each time he/she logs onto the system 10. Thus, each **trader** workstation 20 at a client site 14 is able to access the system 10 through...

...user, the user is then able to access the system 10 and interact with other **trader** workstations 20 and engage in trading activities. In addition to **traders** at the client sites, a preferred embodiment of the present invention also enables non-**trader** users at the client sites 14, such as credit officers and other interested/relevant staff session on the system 10, a user at a **trader** workstation 20 launches the Internet browser program 72 and goes to a particular address that connects the

**trader** workstation 20 to the central processing center 12. This is preferably achieved by typing a...

...and security reasons. After the user logs on, the user will download (preferably from proxy **agent** 110) the Java applets which will run locally on the desktop computer comprising the **trader** workstation 20. Alternatively, the user may launch a local or network application that runs locally...

...information such as user defined  
SUBSTITUTE SHEET (RULE 26)  
preferences which are based on the **trader** 's profile will be downloaded to the **trader** workstation 20. This may include information on what the user is allowed to trade, what...allegedly been one of major inhibitors to the development and implementation of an efficient inter- **dealer** electronic trading system for over-the-counter (OTC) derivatives. The symbology will, among other things, ensure...above include the following parameters:  
START: The START parameter is the month the contract commences  
**offset** from value date, i.e., 1,2,3,...,13,...,360. The default setting for the...

...the 12th would start the 12th of January,  
the first date over one month but **less than** two months beyond the spot date. This allows a contract to be defined with any...widely used in these markets. The SPECIAL RULE parameter allows the system 10 to set **more than** one set of defaults for any currency. This will allow the system 10 to know...a basis swap.  
DAY1/2: The DAY1/2 parameter is the number of calendar days **offset** from today to the start of each FRA in an FRA switch (class SWF). Thus...  
DATES: This will be defined with reference to payment dates. The reset dates should be **offset** by the standard number of days for the currency, for example, two business days for...

...BUSINESS CENTERS TO APPLY TO RESET DAYS: The business days used to define the current **offset** for reset dates is defined by the source and not the payments under the transaction...can be used in the system 10. Thus, the symbology of the present invention enable **traders** and other users of the system 10 to quickly reference a particular derivative instrument in...

20/3,K/54 (Item 52 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00419920 \*\*Image available\*\*

TRUSTED INFRASTRUCTURE SUPPORT SYSTEMS, METHODS AND TECHNIQUES FOR SECURE  
ELECTRONIC COMMERCE, ELECTRONIC TRANSACTIONS, COMMERCE PROCESS CONTROL  
AND AUTOMATION, DISTRIBUTED COMPUTING, AND RIGHTS MANAGEMENT  
SYSTEME D'ASSISTANCE INFRASTRUCTURELLE ADMINISTRATIVE, PROCEDES ET  
TECHNIQUES SURES CONCERNANT LE COMMERCE ET LES TRANSACTIONS  
ELECTRONIQUES, COMMANDE ET AUTOMATISATION DES PROCESSUS COMMERCIAUX,  
CALCUL REPARTI ET GESTION DES REDEVANCES

Patent Applicant/Assignee:  
INTERTRUST TECHNOLOGIES CORP,  
SHEAR Victor H,

VAN WIE David M,  
 WEBER Robert,  
 Inventor(s):  
 SHEAR Victor H,  
 VAN WIE David M,  
 WEBER Robert,  
 Patent and Priority Information (Country, Number, Date):  
 Patent: WO 9810381 A1 19980312  
 Application: WO 96US14262 19960904 (PCT/WO US9614262)  
 Priority Application: WO 96US14262 19960904  
 Designated States:  
 (Protection type is "patent" unless otherwise stated - for applications  
 prior to 2004)  
 AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IL IS JP  
 KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD  
 SE SG SI SK TJ TM TR TT UA UG US UZ VN KE LS MW SD SZ UG AM AZ BY KG KZ  
 MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF  
 CG CI CM GA GN ML MR NE SN TD TG  
 Publication Language: English  
 Fulltext Word Count: 85684

...International Patent Class: G06F-17:60  
 Fulltext Availability:  
 Claims

#### Claim

... ARTICLE 19)  
 . A rules and controls based, distributed commerce apparatus  
 comprising:  
 plural, separate commerce service **provider** sites;  
 plural, separate value chain end-user sites;  
 at least one value chain defining element...  
 ...value chain participants comprising different combinations of plural,  
 separate authorized ones of said commerce  
 service **providers** and plural authorized ones of said end-users; and  
 a communications arrangement that transfers digital information securely  
 between one or more end-user sites and plural, separate commerce service  
**provider** sites in response to commerce rules and controls established  
 by one or more of said...  
 ...chain participants.  
 161. A distributed, secure. electronic commerce system having  
 participants comprising commerce utility service **providers** , product  
**providers** . and  
 product users, said system comprising:  
 means for establishing unique identities for participants within said...  
 said infrastructure comprising:  
 a first trusted commerce utility system;  
 a second trusted commerce utility system **less** senior **than** said first  
 trusted  
 commerce **utility** system; and  
 means for communicating control information between said first and  
 second commerce **utility** systems,  
 wherein said second commerce **utility** system operates at least in part  
 in  
 accordance with said securely communicated control information to perform  
 a commerce **utility** service function servicing at least one of said  
 end-user commerce nodes.  
 176. A virtual computer comprising:  
 a trusted commerce **utility** system for at least in part managing use

AME14DED SHEET (ARTICLE 19)

secure **electronic** commerce node arrangements at independent participant sites for securely processing programmed rights arrangements for. at...

...a digital certificate. 189. An infrastructure as in claim 1 74 wherein said distributed commerce **appliances** comprise a distributed commerce **utility** system.

190. Apparatus as in claim 166 wherein said arrangement that electronically instructs said system...

...at least a portion of said information not provided in useable form to said commerce **utility** system service.

377

AMENDED SHEET (ARTICLE 19)

. Apparatus as in any one of the preceding...

...156-190 further

including means for performing a negotiation process that supports bidding, auctions or **electronic** contracts.

192. Apparatus as in any one of the preceding claims 156-191 further including...

...chain participant to stipulate at least one aspect of information privacy control.

196. In an **electronic** clearing arrangement including plural distributed

clearinghouse nodes performing digital information usage audit functions and maintaining...

20/3,K/55 (Item 53 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00333854

**COMPUTER SYSTEM INCLUDING MEANS FOR DECISION SUPPORT SCHEDULING**  
**SYSTEME INFORMATIQUE DOTE DE MOYENS DE PLANIFICATION D'AIDE A LA DECISION**

Patent Applicant/Assignee:

SUN OPTECH LTD,  
KOSKI Robert E,  
BARLOW Christopher,  
Henderson Kenneth R,

Inventor(s):

KOSKI Robert E,  
BARLOW Christopher,  
Henderson Kenneth R,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9616365 A2 19960530  
Application: WO 95IB1160 19951114 (PCT/WO IB9501160)  
Priority Application: US 94339520 19941114

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AU CA JP KR MX US AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 14143

Main International Patent Class: G06F-019/00

International Patent Class: G06F-17:60

Fulltext Availability:



## Claims

### Claim

- ... result is a "flatter organization chart with fewer levels of command." More realistic requests of **suppliers** (and employees) can be made. 10 The functions and interrelationships of these two control...
- ...and constantly changing view of production capabilities. For example, the temporary loss of, say, a **machine** tool or fixture automatically triggers the CUBEVIEW and CUBEBOOKING programs to alter schedules to resolve...it weighs all alternate paths equally. Therefore, it may schedule products on the worst possible **machine** because it weighs (ranks) the paths through all **machines** the same. However, as the Cube System operates within the plant and receives prime data, it learns that skilled operators tend to assign certain types of products to certain **machines** and it adjusts the weighted rankings for those paths and learns to load specific **machines** with those types of jobs. CUBEBOOKING operates in near real-time 10 so that...
- ...unavailable due to changes in Resources (a tool breaks or materials are late from a **vendor**) or changes in availability of Workspace (a **machine** breaks), then the system learns that a skilled operator will select an alternate process path...computer operating and application system programs; expert display, communications and logic programs; display and output **devices** (monitors, printers, speakers, lights, etc.); and input **devices** including keyboards, sensors; scanners; cameras, and the like. For example, continuous weighing bins or scanned...
- ...movement of a conveyor, storage of tool bit, print-out of a demand to a **vendor** or other cube object, transport a partially finished product (work-in-progress, "W.I.P.O including user interfaces 10, resource supply areas 40, and **equipment**, tool and queuing areas 50, is accomplished by a local area communication means such as...
- ...wide area communication means 65 used to communicate with off-site customers and off-site **vendors** (outside of the cube universe). This wide area communication means may be a T1 9...
- ...E-mail, or it may be a direct phone modem hookup between the customer or **vendor** and the Cube System, or a manual order (demand) entry system such as a telephone, keyboard, punched card, etc., or any combination of the above. When the customer or **vendor** uses a computer system to place orders or receive demands, a wide area network may...of shipping costs and other costs related to transporting resources over a physical distance. Outside **vendors** 70 may be queried and responded to via lines 72 and 71. If sufficient resources...user interface 10 which includes a CRT, keyboard, mouse and any other I/O **device**. The Cube View program 22, previously described, is ideal for monitoring progress at a workspace ...
- ...available to any other dedicated line so as to allow the other process line to **compensate** for the reduced throughput. Fig. 2b shows a process comprised of cells. Unlike a dedicated...
- ...at a certain Time (in the future). These Product/Services may be received from a **Vendor** or produced by the organization itself using Resources. No matter whether these Products/Services are...
- ...be a single location, it may be as large as several plants, offices, warehouses, and **vendors**, or as small as a single department or **machine**

. While the Customer Orders are considered to be exogenous demands, depending on the organization, such...set of all intercommunicating Cube-Worlds, perhaps extending beyond the organization to its customers or **vendors** . Represented in the Cube System, at one or more of the Cube-Worlds and/or...

- ...provide a target to manage the uncertainty of such speculative planning. The Phantom-Order is **more than** just a quantity and a date; it includes an estimate of the expected standard deviation...Resource to be ready at a specified future Time from another Cube-World or a **vendor** . This order is exogenous relative to this Cube-World. It may be communicated to the **Vendor** using **Electronic** Data Interfaces (EDI). All Replenishment-Orders can be tied back to the Customer-Order or...in pre-defined sequence of steps at a Workspace called a Tsugami (an automated drilling **machine** ). A Component-Resource for a valve can be defined as being made up of a...
- ...Features with many different types of Resources including materials, packaging, tools, fixtures, labor, consumables, production **equipment** , etc. By defining the physical "Features" of products rather than fixing the "processm of producing...
- ...a bridge, a backward chaining way-station, is built in the long path from production **machine** to product. Features provide automatic flexibility in production processes because Features decouple a product from...
- ...System, it is defined in terms of its Resources and Features rather than materials and **machinery** . Thus, in making a certain product, it is defined all the way back to its...Trap #1 is avoided because the Cube System doesn't need to use vast computer **power** to calculate the Nlong way\* from products to  
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looking in both...

20/3,K/56 (Item 54 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00262468 \*\*Image available\*\*

**METHODS AND TOOLS FOR COMPUTERIZED SUPPORT OF A MARKET ECONOMY**

**PROCEDE ET OUTILS POUR SUPPORT INFORMATISE D'UNE ECONOMIE DE MARCHE**

Patent Applicant/Assignee:

MASSACHUSETTS INSTITUTE OF TECHNOLOGY,

HARTNETT William J,

Inventor(s):

HARTNETT William J,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9410637 A1 19940511

Application: WO 93US10557 19931101 (PCT/WO US9310557)

Priority Application: GB 9222884 19921030

Designated States:

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AT AU BB BG BR BY CA CH CZ DE DK ES FI GB HU JP KP KR KZ LK LU MG MN MW

NL NO NZ PL PT RO RU SD SE SK UA US UZ VN AT BE CH DE DK ES FR GB GR IE

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Publication Language: English

Fulltext Word Count: 48822

Main International Patent Class: G06F-015/21  
International Patent Class: G06F-15:40  
Fulltext Availability:  
Claims

#### Claim

... particular enterprise's shares would tend to depress the share price, reducing the value of **compensation** shares to the management or workers. Recipients of **compensation** stock in wellperforming enterprises would likewise be rewarded by share purchases increasing the stock price...

...by serving as an on-going and comprehensive 'proxy' delegation."

#### iii. Alignment of Interests via **Compensation**

Another very powerful way to align the interests of shareholders, top management and the board of directors is to tie executive **compensation** to the stock market valuation of the enterprise. The idea is to determine by statute that a CEO's annual **compensation** is a fixed multiple of national average

wages, plus a fixed percentage of total outstanding...

...the interests of the shareholders. While incomes policies are generally defined to be anti-inflation **devices**, the sense "At the extreme, a distinct **power** to delegate voting authority could havr national political significance. For instance. Italian worker-cooperative is...

...party. H. Hans. mann, supra note 64 at 1795. of curbing exploitation of inherent market **power** would apply here. Stock **compensation** would begin upon the privatization date specified in a business plan approved by some sort...

...accruing to management or the board, the Privatization Board could confiscate a percentage of accrued **compensation** shares corresponding to its estimate of the proportion of the enterprise market valuation which arose...

...spin-off date), by issuing and selling on the market its own treasury stock. Statutory **compensation**

-stock would eventually be terminated by individual enterprises by the choice 70See generally, A. R...

...of a sufficient plurality of shareholders.

To complement a statutory incomes policy for CEO annual **compensation**, the alignment of the interests of the board of directors and the rest of man

agement with shareholder interests via **compensation** can be operationally

achieved in the privatization ...CEO portion within the privatization business plan would pre

serve the flexibility to adapt the **compensation** plan based on the number

and stature of directors and executive vice-presidents. Those executive ...

...nies, as enterprises transform from 'u-form" to "m-forra. "72

Any inclination to begrudge **compensation** as a percentage of stock market

valuation for even very large firms should be resisted...

...with 10,000 employees and sales of "For a brief but cogent perspective on CEO **compensation** relative to other top executives, see J. Lorsch, id. at 136. 71'U-form" refers...

...privatization. \$1.8 billion, is now as great as that of the world's biggest **manufacturer** : 84year-old General Motors with 766,000 employees and sales of \$124 billion." This is because the stock market more or less reflects the present **discounted** value of the expected stream of future, after-tax earnings. The boldness and initiative of...

...highly valued and which ones fail. While .01% of stock as a component of annual **compensation** can strongly motivate the CEO of a very large enterprise, it is a very small...

20/3,K/57 (Item 55 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00257924 \*\*Image available\*\*

INFORMATION MODEL BASED ON A PHYSICAL SYSTEM

MODELE D'INFORMATION BASE SUR UN SYSTEME PHYSIQUE

Patent Applicant/Assignee:

NUTTALL David J H,

BREHM Bertram G,

Inventor(s):

NUTTALL David J H,

BREHM Bertram G,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9406087 A1 19940317

Application: WO 93US8233 19930831 (PCT/WO US9308233)

Priority Application: US 92941366 19920901

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AU CA JP AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 43591

Main International Patent Class: G06F-015/40

Fulltext Availability:

Claims

Claim

... software included in this invention. The listings include database scheme definition, object editors for the **power** system data manager editor, and general use frames for the **power** system data manager. Copyright 1991, 1992 by Unified Information, Inc.  
All Rights Reserved. Unpublished rights...

...PerUnitMW/Freq MW variation with frequency on a defined  
PerUnitkV/MVAR Voltage variation with reactive **power**  
PhaseID Phase identification (AlBIC13)  
PhoneNumber Telephone number  
PrimaryKey Unique reference to a row  
Problem Identifier...for a transformer windina  
Object table. There is an entry in this table for every  
**Equipment** , Organisation and Specification entry.  
CREATE TABLE Object

```

Object INTEGER NOT NULL /* PrimaryKey
Source INTEGER WITH...
...UserName */
LastChanged DATE WITH NULL /* AbsoluteDate
LastChangedBy CHAR(24) NOT NULL WITH DEFAULT /* UserName
Conducting equipment .
Each type of conducting equipment has a table containing
specific details pertaining to that type of equipment alone.
CREATE TABLE Capacitor
Object INTEGER NOT NULL WITH DEFAULT /* ForeignKey
NominalMVAR REAL WITH NULL...done at differen!:
tap settings. These can have two sources: the primary source is the
manufacturers test report, which contains impedance information in
per:@
measured at one winding with a reference...NULL /* PerCent
Z1
3 REAL WITH NULL /* PerCent
X1
3 REAL WITH NULL /* PerCent
sensing Equipment .
CREATE TABLE Telemetry
Object INTEGER NOT NULL WITH DEFAULT /* ForeignKey
Telemetryminimum INTEGER NOT NULL WITH...
...Output INTEGER NOT NULL WITH DEFAULT /* Boolean
/* Address
CardAddress INTEGER NOT NULL WITH DEFAULT Computer Equipment .
CREATE TABLE Computer
Object INTEGER NOT NULL WITH DEFAULT /* ForeignKey
ObjectAddress INTEGER NOT NULL WITH...

...7
Cable CHAR(20) NOT NULL WITH DEFAULT /* Name
Specification objects
Conductor details from the manufacturer . Characteristic of the
conduc:c-as supplied by the manufacturer are tabulated.
CREATE TABLE ConductorType
Object !INTEGER NOT NULL WITH DEFAULT /* ForeignKey
Resistance REAL NOT...

...a three phase, single or double cirCu 4
with 0, 1, or 2 ground wires. Offsets from an arbitrary datum, and
the height above ground are used.
CREATE TABLE TowerType
Object INTEGER NOT NULL WITH DEFAULT /* ForeignKey
A1- Offset REAL NOT NULL WITH DEFAULT /* ShortLength
A1
Height REAL NOT NULL WITH DEFAULT /* ShortLength
B1- Offset REAL NOT NULL WITH DEFAULT /* ShortLength
B1
Height REAL NOT NULL WITH DEFAULT /* ShortLength
C1- Offset REAL NOT NULL WITH DEFAULT /* ShortLength
C1
Height REAL NOT NULL WITH DEFAULT /* ShortLength
G1- Offset REAL NOT NULL WITH DEFAULT /* ShortLengEh
G1-Height REAL NOT NULL WITH DEFAULT /* ShortLength
A2- Offset REAL NOT NULL WITH DEFAULT /* ShortLength
A2
Height REAL NOT NULL WITH DEFAULT /* ShortLength
B2
Offset REAL NOT NULL WITH DEFAULT /* ShortLength

```

```

B2
Height REAL NOT NULL WITH DEFAULT /* ShortLength
C2- Offset REAL NOT NULL WITH DEFAULT /* ShortLength
C2
Height REAL NOT NULL WITH DEFAULT /* ShortLength
G2
Offset REAL NOT NULL WITH DEFAULT /* ShortLength
G2
Height REAL NOT NULL WITH DEFAULT /* ShortLength wl...

...defined entities.
System-defined entities are loaded on database initialization with key
values that are less than 10000.
CREATE TABLE LastKey
LastKey CHAR(8) NOT NULL /* KeyName
Value INTEGER NOT NULL /* KeyValue...table is keyed by the obje---l
which defines the location (typically of type Support Equipment or
Organization), but may be referenced by any object
CREATE TABLE Location
Object INTEGER NOT...

...DEFAULT /* IntervalTime
LoadValue REAL NOT NULL WITH DEFAULT /* PerUnit */
Source INTEGER WITH NULL /* SourceIdentifie-,
Interactions
Equipment terminals. Each object can have a variable number of
terminalz
which can be connected to...
...NULL WITH DEFAULT /* ForeignKey
KVLevel REAL NOT NULL WITH DEFAULT /* KVLevel
Measurements made on the equipment . Each measurement measures
something (the measurand) using an agent (the measurer).
The measurand has a type (e.g. kV, Status, MW, Amps) that defines...
SpecNumber
EXECUTE PROCEDURE Udb
Change$Object
Tid = New.Tid
Conducting plant
CREATE PROCEDURE Udb
Change$ Electrical
Object INTEGER
DECLARE
PrimaryGroupingName VARCHAR(20) NOT NULL;
TypeName VARCHAR(20) NOT NULL;
Name VARCHAR...

...END;
CREATE RULE Udb
Change$Capacitor
AFTER INSERT, UPDATE ON Capacitor
EXECUTE PROCEDURE Udb
Change$ Electrical
Object = New.Object
CREATE RULE Udb
Change$Conductor
AFTER INSERT, UPDATE ON Conductor
EXECUTE PROCEDURE Udb
Change$ Electrical
Object = New.Object
CREATE RULE Udb

```

Change\$Consumer  
AFTER INSERT, UPDATE ON Consumer  
TATH E...

...QVexp OR  
Old.PFexp New.PFexp OR  
Old.QFexp New.QFexp  
EXECUTE PROCEDURE Udb  
Change\$ **Electrical**  
Object = New.Object

REATE RULE Udb  
Change\$Generator  
AFTER INSERT, UPDATE ON Generator  
EXECUTE PROCEDURE...

20/3,K/58 (Item 56 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00206593 \*\*Image available\*\*  
**IMPROVEMENT IN SYSTEM FOR AUTOMATICALLY MONITORING COPIERS FROM A REMOTE  
LOCATION  
AMELIORATIONS RELATIVES A UN SYSTEME DE SURVEILLANCE AUTOMATIQUE ET A  
DISTANCE DE COPIEURS**

Patent Applicant/Assignee:

WEINBERGER Joseph,

Inventor(s):

WEINBERGER Joseph,

BRICAULT Gary,

LAIRD James,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9203789 A1 19920305

Application: WO 91US5599 19910812 (PCT/WO US9105599)

Priority Application: US 90388 19900814

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AT AU BE CA CH DE DK ES FR GB GR IT JP LU NL SE

Publication Language: English

Fulltext Word Count: 8585

Main International Patent Class: **G06F-011/32**

Fulltext Availability:

Claims

Claim

... are various input/output interfaces or copier control panels

12 depending on the model and **manufacturer** of the copier.  
The output interfaces can generally be classified as "static"  
and "dynamic". In...

...type utilizes not only  
illuminating indicators as before, but also some form of  
alphanumeric display **device** that can be altered to represent  
setur) and status information in plain linguistic alphanumeric  
text, This display **device** could be a single or multiple line  
display utilizing technology such as a vacuum fluorescent...

...control  
computer 10 passes information over a control panel data cable 18 to the display **device** 's controller which in turn converts the raw data into a formatted display image on...

...static display method it may be desirable only to monitor a portion of the status **devices** because not all of the status **devices** indicate fault conditions. There are also difficulties interfacing with the static display because of the variety of the characteristics of different status **devices** and circuit operating voltages that exist in the various models of different or like **manufacturers** .  
Furthermore, the status indicators are usually time multiplexed to reduce **power** consumption and the overall number of connections between the copier control computer 10 and the control panel 12. This precludes simple monitoring of a voltage drop across a status **device** and requires the latching of the data at the time that a status **device** may be switched on.  
An example, of a multiplexed display system can be seen in...

...Q9 - Q11 respectively by applying a drive pulse to the base, terminal two of the **device** . The individual LED's within a io common row are selected in parallel by applying...purpose of the translator 6 is to transform the various signals of the various copier **machines** 2 into uniform signals to be read by the data collection computer 16 as well...

...regulation. As a result, the data tap 8 in its simplest form is a passive **device** that merely passes the status information that passes from the copier control computer 10 to...

...the translator 6, i.e., by a Y-tap header, Y-cable or buffer/driver **device** . A simple Y-tap for use with a Xerox 1025 copier, having its control panel...

...pin header 19 (3-MESP Series). The Y-tap header 17, having a physical male **electrical** connection that is 90 degrees to the straight through, shown in FIGURE 5D and 5E...22 (CPU) along with a programmable address decoder 24 (16V8) used to select the support **devices** (i.e., RAM, ROM etc.) that are address mapped to the CPU 22o  
The stored...

...27 is read as with a conventional RAM but it retains the stored data if **power** is removed. This **device** is also known as an **Electrically** Erasable Programmable Read Only Memory (EEPROM) and/or a Battery Backed RAM (BBRAM) which contains...

...the switches 30 are read by the CPU 22 through a digital port 32. This **device** consists of three 8-bit parallel ports that are configured ...from the digital port 32. The state of the switches 30 are read in at **power** -up time by 10 the CPU 22 to set up certain operating characteristics of the...

...parameters of the



translator 6 for similar copiers. Minor differences between copiers that could be **compensated** for might include error messages unique to one or more specific copiers or the size...

...input from the copier 2  
and VREF . That is to say, if the input is **greater** than the 35 reference the output will be OV and visa versa.  
pC@r/US91/05599...

20/3,K/59 (Item 57 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
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00198459 \*\*Image available\*\*  
**REAL TIME INSURANCE ADMINISTRATION AND MEDICAL INFORMATION UTILITY**  
**SERVEUR A GESTION D'ASSURANCES ET A RENSEIGNEMENT MEDICAL EN TEMPS REEL**  
Patent Applicant/Assignee:  
ALCOTT William D III,  
DOYLE Findley C Jr,  
Inventor(s):  
ALCOTT William D III,  
DOYLE Findley C Jr,  
Patent and Priority Information (Country, Number, Date):  
Patent: WO 9115817 A1 19911017  
Application: WO 91US2366 19910405 (PCT/WO US9102366)  
Priority Application: US 90704 19900409  
Designated States:  
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)  
AT AU BE CA CH DE DK ES FR GB GR IT JP LU NL SE  
Publication Language: English  
Fulltext Word Count: 16349

Main International Patent Class: **G06F-003/00**  
International Patent Class: **G06F-15:42**  
Fulltext Availability:  
Claims

Claim  
... time eligibility determination can save money for a health care sponsor,, (5) how health care **providers** can utilize information in the data base to provide emergency treatment to patients,, (6) how the health care information **utility** can reduce health care costs by providing timely information necessary to minimize risk of dollar loss by various health care intermediaries,, **providers** and plan sponsors, or (7) how a closed loop real time system provides a control cost of malpractice insurance could be reduced to a given **provider** based on information available to a malpractice insurance carrier through the information **utility** , Information regarding the nature of a physician's practice in terms of high risk procedures...

...SHEET  
cannot, and serves a secondary purpose of informing the malpractice insurance carrier that this **provider** uses technology which minimizes his malpractice exposure which deserves reduced rates for insurance.  
The present...

...claims and through the use of real time processing techniques provides an on line information **utility** of health care related financial and clinical data,  
Summary of the Invention  
In one form...

...and clinical data files for each group member, A treating physician or other health care **provider** has communication **equipment** which can communicate in real time with the administration computer in order to ascertain whether...

...to him, as by a funds transfer to his bank,  
Preferably, the health care service **provider** terminal includes a magnetic card reader, a keyboard, and a display screen, Each member of...

...be "swiped" through the card reader. By accessing the central data base, the health care **provider** will be able to determine whether the group member is covered by a group insurance...

...who provides the insurance coverage for the benefit of an employee-patient,, also has communication **equipment** which can link to the administration computer, but in a different manner than that of...clinical data file for each group member, This file is accessible by the health care **provider** , Any treatment or services provided by a health care **provider** may be inputted via the **provider** terminal to update the clinical data file for the member. The clinical data file, since...

...dynamic medical history of the patient member which may be accessed by any health care **provider** who requests the information, Thus, a treating physician may use the clinical data files to...

...his/her office.  
The system may further provide funds transfer means whereby the health care **provider** may receive direct payment for services provided, This may take the form of a direct...

...and financial institutions such as banks, credit card institutions, et cetera, After a health care **provider** has verified coverage for an individual member and provided appropriate treatment,, the amount authorized by the plan for that particular treatment may be electronically transferred to the health care **provider** , or the transfer may be by check. In the event there is a deductible or co-pay, since the system is also linked to outside financial institutions, the health care **provider** may electronically receive the balance of the payment due the same day the treatment is...

...which can identify and rank the coverages provided by the multiple plans. Thus, the service **provider** will be

able to ascertain what portions of reimbursements for a proposed treatment will be...

...and transfer the funds from the multiple plans, thus providing automatic coordination of benefits, The **utility** may also be used in conjunction with information subscriber terminals, By means of these information...malpractice insurance. Since the system provides interrogation capability, it is possible for a health care **provider**, such as an emergency room personnel, to quickly interrogate the SUBSTITUTE-SHEET system via the...

...or the vital information without having to sort through unnecessary data,  
- In short, the **utility** disclosed herein provides an on-line, interactive, real time system which allows a health care **provider** to instantly access the eligibility status of a patient member seeking treatment, as well as...

...between a change in benefit status and its input into the system, The health care **provider** always knows with certainty the exact eligibility status of each member. Brief Description of the...

...dependents. In addition, the file includes a list of all medical treatments for which insurance **compensation** is available. (Each treatment is typically called a procedure, because the physician after diagnosing a...records for diagnosis, treatment and medication given and/or prescribed. Finally, the physician submits an **electronic** claim form which is validated in real time,, allowed to be corrected if necessary and permits the physician to choose the method of payment, whether check or **electronic** funds transfer to his account. If the amount of reimbursement is **less than** the normal charge made by the physician, a balance would exist. The physician then gives...

20/3,K/60 (Item 58 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00178104 \*\*Image available\*\*

**INTEGRATED ELECTRONIC PARTS WAREHOUSING AND DISTRIBUTION SYSTEM AND METHOD  
PROCEDE ET SYSTEME D'EMMAGASINAGE ET DE DISTRIBUTION INTEGRES DE COMPOSANTS  
ELECTRONIQUES**

Patent Applicant/Assignee:

EPSTEIN Morris,

Inventor(s):

EPSTEIN Morris,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9011572 A1 19901004

Application: WO 90US1485 19900320 (PCT/WO US9001485)

Priority Application: US 89749 19890321

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AT AT AU BB BE BG BR CA CH CH DE DE DK DK ES ES FI FR GB GB HU IT JP KP  
KR LK LU LU MC MG MW NL NL NO RO SD SE SE SU  
Publication Language: English  
Fulltext Word Count: 19812

Main International Patent Class: **G06F-015/24**

Fulltext Availability:

Claims

Claim

- ... said computer;
  - d) storing in a single warehouse system the goods of a plurality of **vendors** ;
  - e) storing in said computer the identities of said **vendors** and the items stored by said **vendors** in said warehouse system;
  - f) displaying on said screen of one of said buyer I/O devices a list of **vendors** who store a pre-determined item in said warehouse system; and
  - g) placing an order for said item from a selected one of the **vendors** listed by transmitting a signal to said computer.
- 2e A method according to claim 1...
- ...a signal from said computer to said bank to credit an account of said selected **vendor** in the amount of the monetary value of said order.
- 5a A method according to...
- ...method according to claim 1, comprising the additional step of selecting one of said listed **vendors** offline from said computer prior to placing an order.
- 8\* A method according to claim...
- ...comprising the additional steps of:
  - a) storing in said computer the base price and quantity **discount** information for each item of each **vendor** stored in said warehouse system;
  - b) electrically transmitting a desired quantity of said pre-determined item to said computer;
  - c) calculating the price of said pre-determined item from each **vendor** based on said transmitted quantity and said base price and **discount** information; and
- ...said screen of one of said buyer I/O devices the base price, maximum quantity **discount** , and actual price based on said transmitted quantity for a pre determined item for each of said **vendors** who stores said pre-determined item in said warehouse system.
- A method according to claim...
- ...according to claim 1, comprising the additional steps of:
  - a) detecting each instance a particular **vendor** 's

nam is displayed to a buyer as part of said list of **vendors** who store a pre-determined item in said warehouse system; and  
b) storing in said computer the number of times a particular **vendor** 's name is displayed to a buyer as part of said list of **vendors** .  
12o A method according to claim 1, comprising the additional steps of:  
a) providing a **vendor** I/O device with a video display screen at a **vendor** station which is remote from said first station;

SUBSTITUTE SHEET

-89@

b) providing means for electrically transmitting and receiving signals between each of said **vendor** I/O devices and said computer; and  
C) displaying on said screen of one of said **vendor** I/O devices the number of times said **vendor** 's name was displayed to a buyer.

13a A warehouse system comprising:

a) pre-programmed...

...retrieving the identities and locations of physical items offered for sale by a plurality of **vendors** and maintained within a single storage system; and  
b) rack means for storing said physical...said physical items to said scale means.

SUBSTITUTE SHEET

17\* A method of selecting a **vendor** for each of a plurality of physical items comprising the steps of:

a) providing a...

...a specific physical item stored in a single warehouse system, together with codes identifying each **vendor** owning each such item and the prices charged by each **vendor** for each item;  
e) transmitting to said buyer input/output device the identification of each **vendor** of a selected item, and the price charged for that item by the **vendor** , in response to an inquiry received from said buyer input/output device;  
f) selecting one of said **vendors** from which to purchase said item to be supplied from the single warehouse system; and  
g) transmitting said selection of said **vendor** to said computer.

18a A method according to claim 17, comprising the additional steps of...

...said item codes to said computer in a batch;  
c) transmitting the corresponding identities of **vendors** to said buyer I/O device in batch;  
SUBSTITUTE SHEET  
d) studying said **vendor** identities while said buyer I/O device is not on-line to said computer.

19o...

...displaying on said screen of said buyer I/O device said inventory information with said **vendor** identities.

20e A method of storing and retrieving physical items maintained in a single warehouse system, wherein said physical items are owned by a plurality of **vendors** , comprising the steps of:

- a) providing a computer with data storage and retrieval equipment;
- b) storing in said computer the identities of **vendors** and the items warehoused by said **vendors** in the single warehouse system;
- c) storing full containers of said physical items in a...

...computer each identifying bar code and information about each container including: quantity, item type and **vendor** ;

- h) storing in said computer the locations ...picked from said first storage location if the quantity ordered of said particular item is **greater than** or equal to the quantity of said particular item in a single container, if the...

...each order.

22o A method according to claim 20, including the additional step of storing **more than** one full container of the same particular product from a single control batch in a...

...including the additional steps of:

- a) providing a central computer with data storage and retrieval **equipment** , wherein said central computer communicates with said computer,, and wherein said orders are initially stored...

20/3,K/61 (Item 59 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00123123 \*\*Image available\*\*

**CRITICAL RUNWAY MARGIN WARNING SYSTEM**

**SYSTEME D'AVERTISSEMENT DE MARGE CRITIQUE DE PISTE**

Patent Applicant/Assignee:

SCOTT Robert C,

Inventor(s):

SCOTT Robert C,

Patent and Priority Information (Country, Number, Date):

Patent: WO 8501372 A1 19850328

Application: WO 84US1430 19840906 (PCT/WO US8401430)

Priority Application: US 83965 19830912

Designated States:

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AT BE CH DE FR GB JP LU NL SE

Publication Language: English

Fulltext Word Count: 6703

Main International Patent Class: G06F-015/50

Fulltext Availability:

Claims

Claim

- ... measuring the ambient pressure, temperature and humidity conditions and converting these measured meteorological quantities to **electrical** signals proportional to the level of the measured physical quantities, Each of the transducers is...
- ...its respective signal conditioner 16, 18 and 20 respectively. Each conditioner -50 converts its respective **electrical** signal to one acceptable for input to an analog/digital converter 22, Converter 22 converts...
- ...data from other circuits to the microprocessor and from, the microprocessor to these circuits, providing **electrical** signals to a display to be hereinafter described, and the timing for various circuit elements...
- ...provides signals to the crew warning panel on command of the microprocessor, and provides the **electrical** switching necessary to implement an optional self-test function to check the operation of...signals through the system to the various essential elements and do not necessarily represent **electrical** connections. In some cases,, the lines represent a single **electrical** connection and in others the lines may represent a plurality of **electrical** connectors. The data bus lines are illustrated as a broad band between a pair of...
- ...described. Detector 30 is connected to a signal conditioner 32 to amplify the level of **electrical** pulses 5 produced by the detector and to provide a means to insure uniform height...
- ...braking distance data for his aircraft for comparison later during actual operation of the warning **device** , This data is modified by air density, aircraft weight and the like in actual operation...
- ...performance data pertaining to the particular aircraft.. Such data is made available by the aircraft **manufacturer** and is published, for example, in the pilot's Operating Handbook, Performance data for takeoff...
- ...removable from its "stowed" position and is operably coupled into the system by a flexible **electric** cord 56 having sufficient length that it can be handheld by either crew member for...LCD unit 54 and activates the appropriate signals for

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operation of the overall **device** , sometimes acting through the system control logic. Microprocessor 26 contains two major buses or groups of **electrical** lines. The address bus 62 is used to select a data source or **device** to accept 5 data output, it contains 16 **electrical** lines. The data bus 64 is used for the transfer of numeric, digitally coded data from and to the microprocessor from and to the **device** or unit selected by the address bus 62, Data bus 64 includes eight lines. All...revolution.

A simple and expedient means for accurately sensing each wheel revolution involves mounting an **energy** reflecting element at a given point on the, wheel, transmitting **energy** toward the wheel on the path of movement of the reflective element and recording the **energy** reflected from the element each time it reaches a given location on its circular path...

...past the IR pair 28 and 30 as the tire rolls along the runway. IR **energy** is constantly transmitted by emitter 28 against the wheel but this **energy** is reflected 5 to detector 30 only at the time the wheel completes a revolution...

...that

bracket 66 is configured so that the IR pair is held in spaced apart, **offset** relationship from wheel 74, The 10 number of pulses produced by detector 30 as a consequence of the IR **energy** reflected thereto by element 78 are a function of the number of revolutions of the wheel..

15 Infrared **energy** has been selected for the purpose of effecting distance and speed measurements in the system because such **energy** is not adversely effected by ambient light, Thus,, the measurements may be made equally as...desired by the pilot, in the event that the available runway length should actually be **less than**  $d_r + d_s$ , the value of the marginal runway distance ( $d_e$ ) is a negative value. The...the runway and it also advises him whether or not the actual performance has been **greater or less than** ideal. Certainly, if the amber light is pulsed, the pilot can take remedial measures in...

...having been achieved, all lights are automatically extinguished and an audible tone is emitted by **device** 58a The audible. tone may be generated by any suitable sound generating **device** (not shown). The pilot is warned by the tone that he should begin stopping the...